

Simplicity

Parts Manual



MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO ALLIS



SUNSTAR / 1900 / 2900

SERIES TRACTORS

18HP HYDRO TRACTORS

Mfg. No.	Description
1692521	SunStar 18HP Hydro Tractor
1692523	1918H, 18HP Hydro Garden Tractor
1692525	2918H, 18HP Hydro Garden Tractor

20HP HYDRO TRACTORS

Mfg. No.	Description
1692454	SunStar 20HP Hydro Tractor
1692456	SunStar 20HP Hydro Tractor
1692458	1920H, 20HP Hydro Garden Tractor
1692460	1920H, 20HP Hydro Garden Tractor
1692505	2920H, 20HP Hydro Garden Tractors
1692507	2920H, 20HP Hydro Garden Tractors

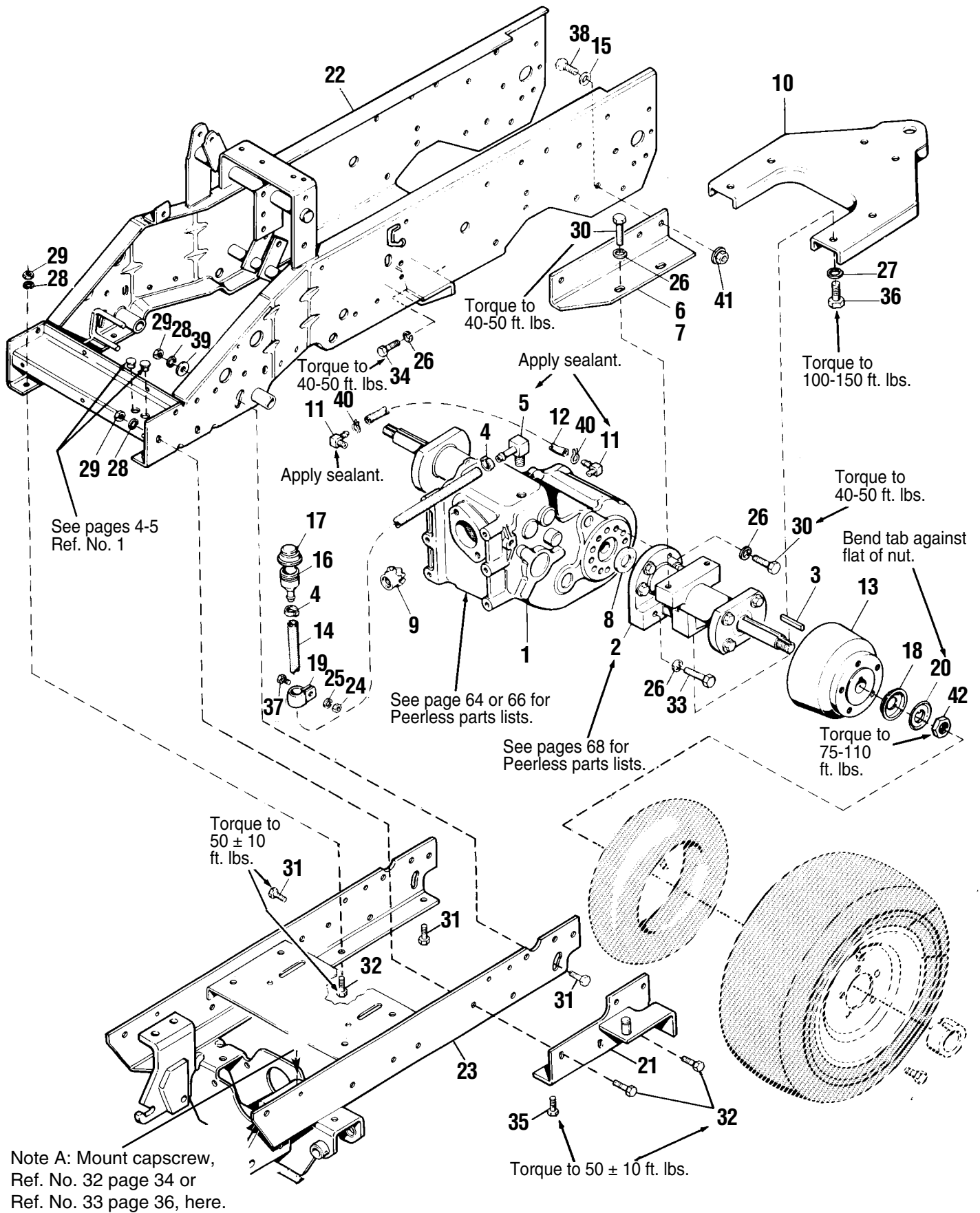
Rev. 4/1995

TP 400-1388-01-SS-SMA

(Includes former TP-1390 & TP-1391)

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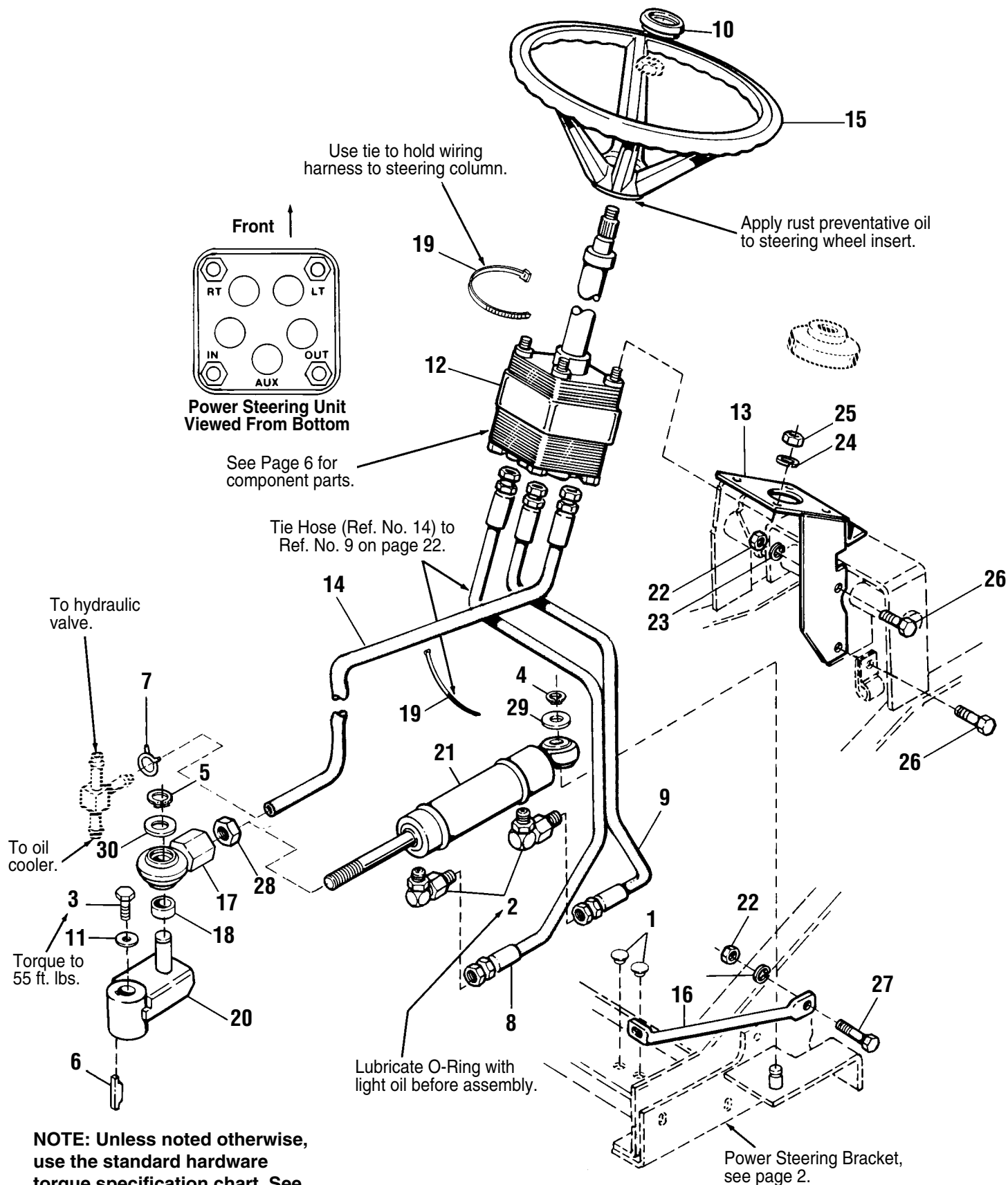


All Models

Frame, Transaxle & Drawbar

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	*	1	TRANSAXLE, Peerless, 2 Speed, 20 HP Only
	*	1	TRANSAXLE, Peerless, 1 Speed, 18 HP Only
2	*	1	AXLE, Housing Assy., Peerless
3	920456	2	KEY, 5/16 x 5/16 x 2-1/2
4	960266	2	CLAMP, Hose
5	1676399	1	FITTING, Hose, 90°
6	1674386	1	SUPPORT, Transmission, RH
7	1674387	1	SUPPORT, Transmission, LH
8	1674417	2	SPACER, Axle
9	1674418	1	GEAR, Bevel
10	1674422	1	DRAWBAR
11	1675793	2	FITTING, Elbow
12	1675794	1	HOSE, Fluid Level
13	1676154	2	DRUM, Brake
14	1676402	1	HOSE, Fill, 1/2" I.D.
15	1676435	6	WASHER, Plain
16	1676466	1	NECK, Filler
17	1676467	1	CAP, Filler
18	1676520	2	RETAINER, Hub Cap
19	1676527	1	CLAMP, Insulated
20	1679383	2	RETAINER, Special Washer
21	1685431	1	BRACKET ASSY., Power Steering Cylinder
22	1709827	1	FRAME ASSY., Rear
23	1714644	1	FRONT FRAME ASSY.
24	1916622	1	NUT, Hex, 1/4-20
25	1916964	1	LOCKWASHER, 1/4
26	1916966	17	LOCKWASHER, 1/2
27	1917373	4	LOCKWASHER, 5/8
28	1918199	11	LOCKWASHER, 7/16
29	1918213	11	NUT, Hex, 7/16-14
30	1920328	12	CAPSCREW, Hex Hd., 1/2-13 x 1-1/2
31	1920676	5	CAPSCREW, Hex Hd., 7/16-14 x 1, Gr. 5
32	1920677	5	CAPSCREW, Hex Hd., 7/16-14 x 1 -1 /4, Gr. 5
33	1921024	4	CAPSCREW, Hex Hd., 1 /2-13 x 2
34	1921176	1	CAPSCREW, Hex Hd., 1/2-13 x 1-1/4
35	1921212	1	CAPSCREW, 7/16-14 x 1-1/2
36	1923151	4	CAPSCREW, Hex Hd., 5/8-11 x 1-1/4
37	1923341	1	CAPSCREW, Hex Hd., 1/4-20 x 3/4
38	1923471	6	CAPSCREW, Hex Hd., 7/16-14 x 1-1/4
39	1924361	1	WASHER, Plain, 1/2
40	1929301	2	CLAMP, SAE #6
41	1935041	6	NUT, Hex, Flange, 7/16-14
42	1960259	2	NUT, Hex, Jam Centerlock, 1-14

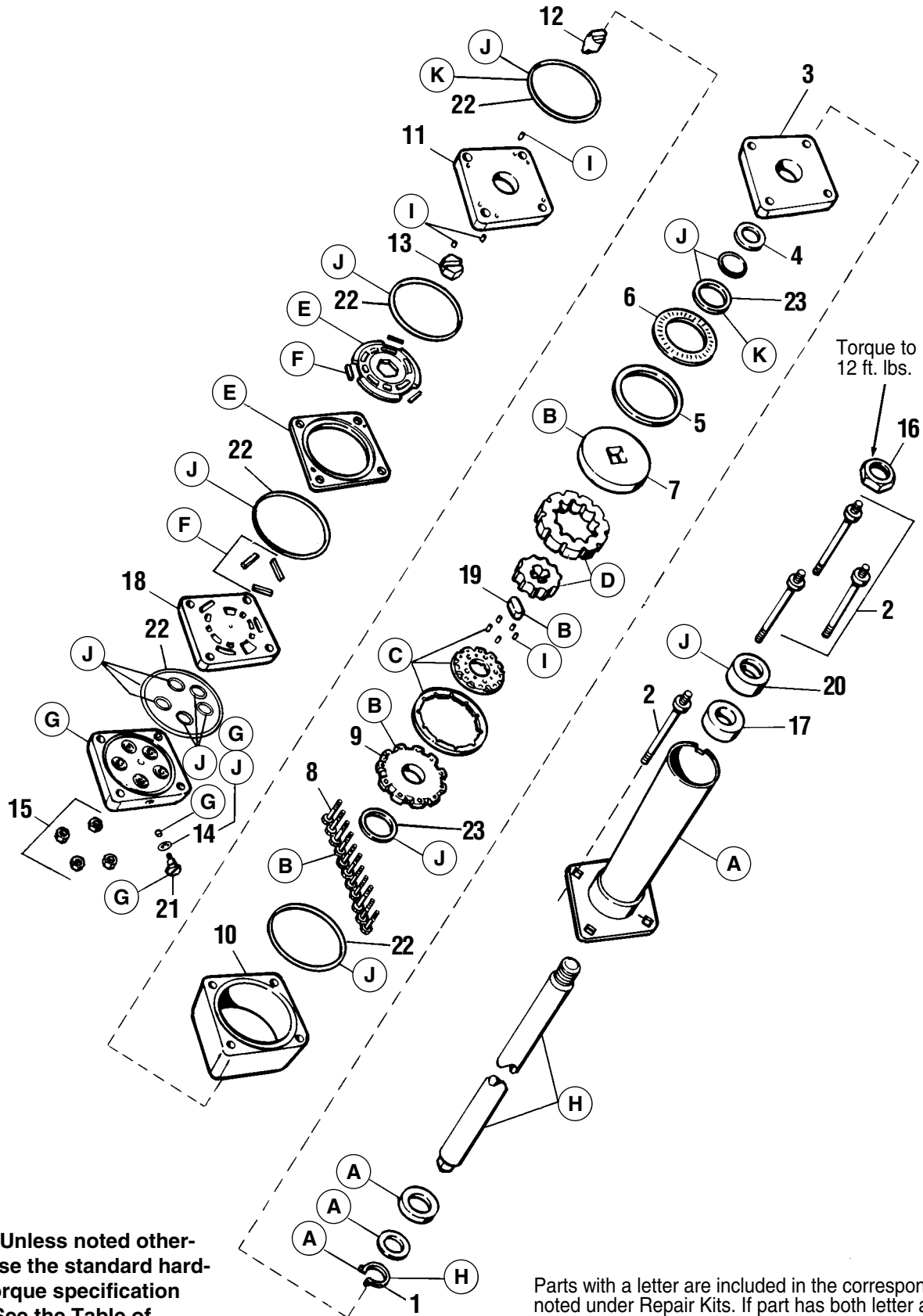
* See an authorized Tecumseh dealer for parts and service. Peerless parts are not available thru Simplicity. However, an exploded view of the Peerless transmission is shown at the end of the manual. See the Table of Contents for the appropriate pages.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models**Steering Group**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	917954	2	PLUG, Plastic
2	922523	2	FITTING, Hyd., 9/16-18 x 9/16-18 - 90 degree
3	923485	2	CAPSCREW, Hex Hd., 3/8-16 x 7/8, Gr. 8
4	927103	1	RING, Retaining, 5/8
5	927732	1	RING, Retaining, 3/4
6	930671	1	KEY, Hi-Pro, 1/4 x 3/4
7	960265	1	HOSE CLAMP
8	1611787	1	HOSE ASSY., Hyd. (Valve to Cylinder)
9	1611788	1	HOSE ASSY., Hyd. (Valve to Cylinder)
10	1657017	1	CAP, Steering Wheel
11	1663151	1	WASHER, Spring
12	1673686	1	STEERING UNIT, Hydrostatic (See pages 6 & 7 for components.)
13	1674742	1	SUPPORT ASSY., Steering Valve
14	1675602	1	HOSE ASSY., Hyd., (Valve to Cooler)
15	1676468	1	WHEEL ASSY., Steering
16	1677159	1	BRACE, Cylinder
17	1679538	1	BALL JOINT ASSY.
18	1679556	1	SPACER
19	1701011	2	TIE
20	1704292	1	ARM ASSY., Steering
21	1706655	1	CYLINDER, Power Steering
22	1916950	4	NUT, Hex, 3/8-16
23	1916965	4	LOCKWASHER, 3/8
24	1917356	4	LOCKWASHER, 5/16
25	1920263	4	NUT, Hex, 5/16-24
26	1921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1, Gr. 5
27	1921969	1	CAPSCREW, Hex Hd., 3/8-16 x 1 -1/2, Gr. 5
28	1922015	1	NUT, Hex, 3/4-16
29	1960020	1	WASHER
30	1960114	1	WASHER
Not Shown	1685444	1	ROD SEAL KIT (for Ref. No. 21, Power Steering Cylinder, part number 1706655)



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents

Parts with a letter are included in the corresponding kit as noted under Repair Kits. If part has both letter and number, it is available individually or as part of kit.

All Models

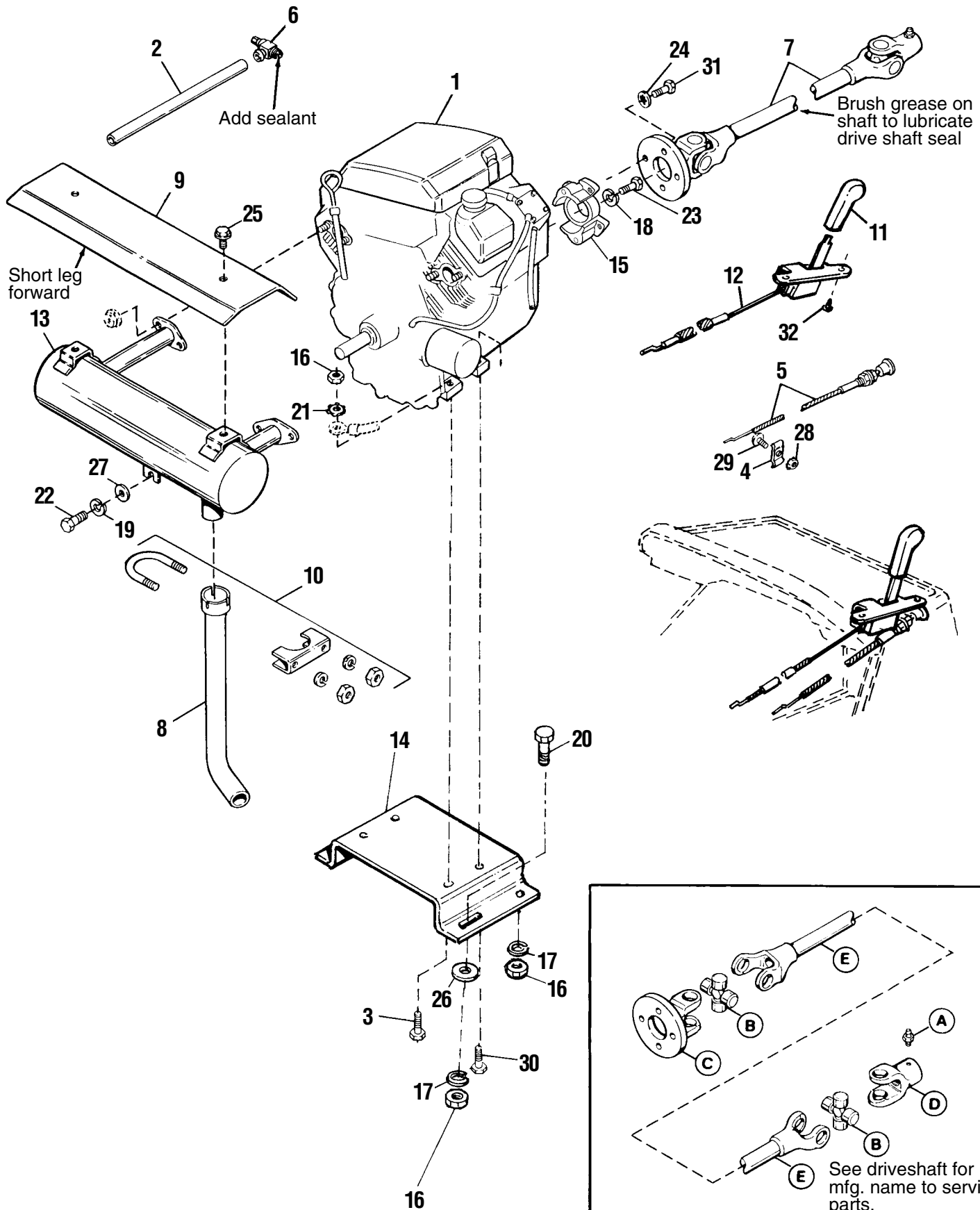
Power Steering Unit

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1679024	1	RING, Retaining
2	1679025	4	BOLT, Special
3	1679026	1	PLATE, Upper Cover
4	1679027	1	SPACER, Seal
5	1679028	1	SPACER
6	1679029	1	BEARING, Thrust
7	1679031	1	PLATE, Drive
8	1679032	11	CAPSCREW, Hex Hd.
9	1679033	1	COVER, Commutator
10	1679036	1	RING, Metering
11	1679037	1	MANIFOLD, Isolation
12	1679038	1	LINK, Drive
13	1679040	1	DRIVE ASSY., Hex
14	1679043	1	"O" RING
15	1679044	4	LOCKNUT, Hex, 5/16-24
16	1679046	1	NUT, Hex, 5/8-18
17	1679054	1	BEARING
18	1679144	1	MANIFOLD, Port
19	1679145	1	SPACER
20	1679363	1	SEAL, Dust
21	1679364	1	PLUG
22	1707394	5	SEAL, (1 ea. in Kit K)
23	1707395	2	SEAL, (1 ea. in Kit K)

Repair Kits

A	1679023	UPPER COVER ASSY. KIT
B	1679030	METERING ASSY. KIT
C	1679034	COMM. & RING ASSY. KIT
D	1679035	ROTOR ASSY. KIT
E	1679039	VALVE & RING KIT
F	1679041	SPRING KIT
G	1679042	PORT COVER & CHECK VALVE ASSY.
H	1679045	INPUT SHAFT ASSY. KIT
I	1679047	NEEDLE ROLLER KIT
J	1679048	SEAL KIT
K	1685448	SEAL KIT (Contains Qty.1 of Ref. No. 22 and Qty. 1 of Ref No. 23)

Note: Seal Kit (Ref. No. K) is for top seal replacement in power steering unit - DO NOT disassemble the complete unit for this repair.



Mfg. Nos. 1692521, 1692523, 1692525

Engine - 18 HP Briggs & Stratton

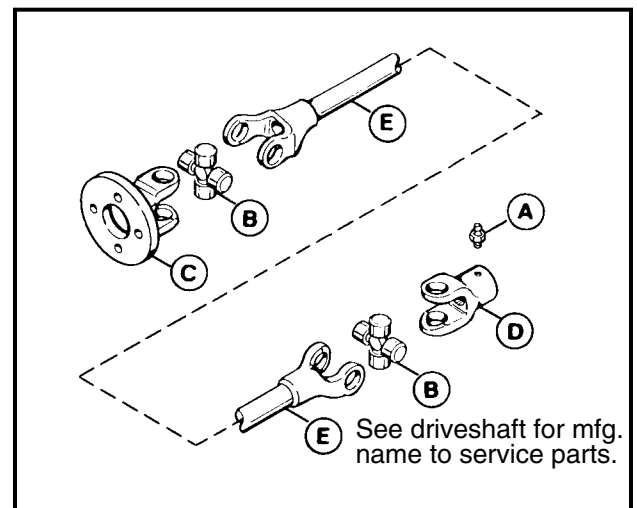
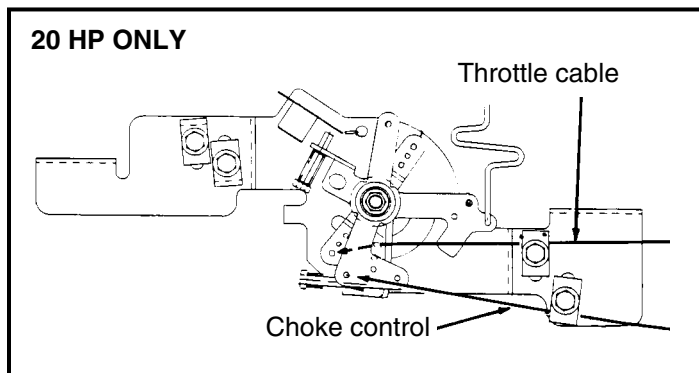
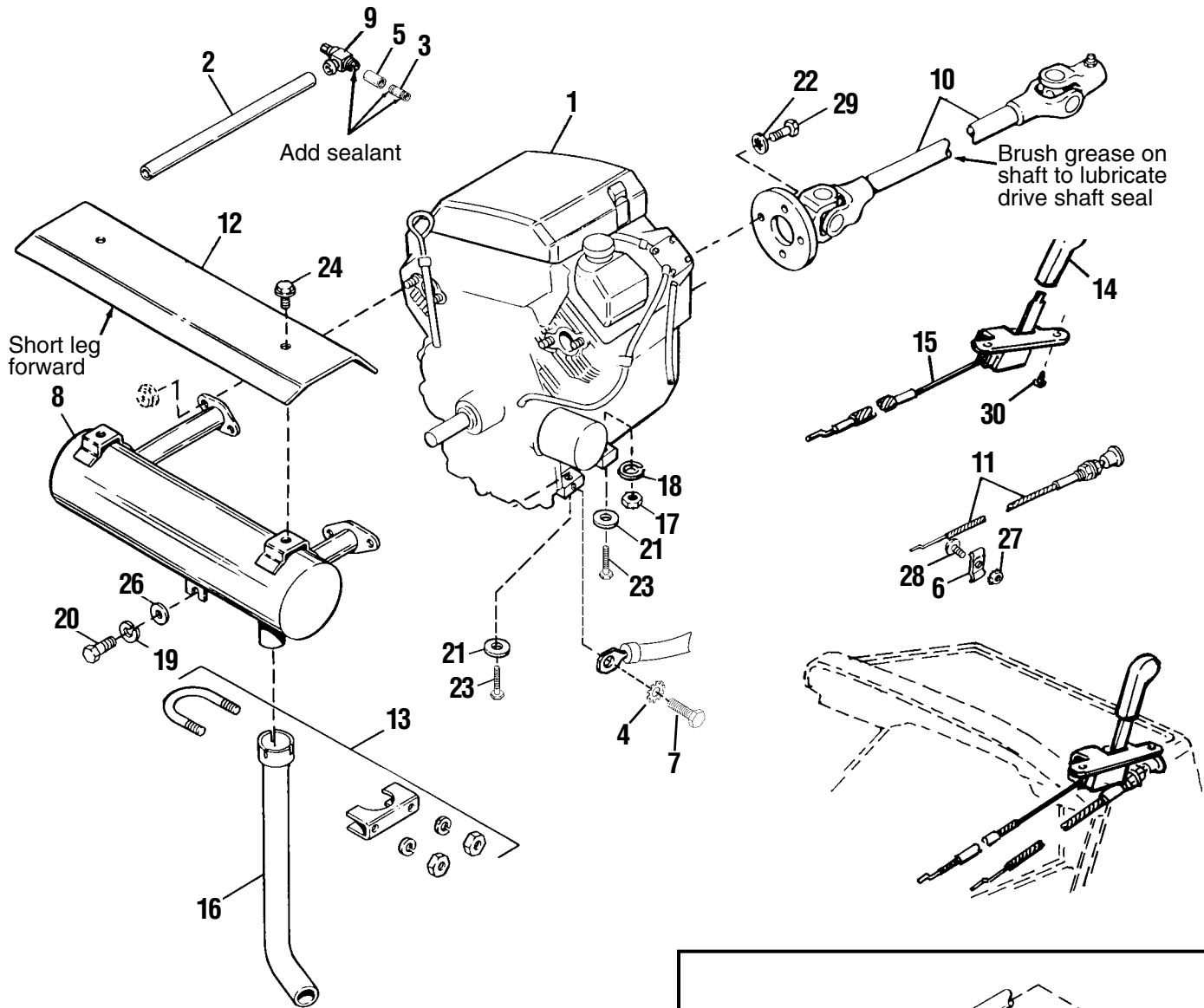
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	*	1	ENGINE, 18 HP, Briggs & Stratton
2	166137	1	HOSE, Oil Drain
3	960361	1	SCREW, Hex, Taptite, Plated, 3/8-16 x 2
4	1677213	1	CLIP, Double
5	1704344	1	CABLE, Choke
6	1708405	1	VALVE, Shut-off
7	1708491	1	DRIVE SHAFT ASSY. (Incl. Ref. Nos. A, B, C, D & E) Check Assy. for Mfg's. name (Neapco or Weasler)
8	1708546	1	ELBOW, Exhaust
9	1708873	1	HEAT SHIELD, Muffler
10	1712286	1	CLAMP, Exhaust
11	1713846	1	KNOB, Throttle
12	1714067	1	THOTTLE CONTROL ASSY.
13	1714626	1	MUFFLER
14	1714630	1	BASE, Engine
15	1714631	1	ADAPTOR, Flywheel
16	1916950	5	NUT, Hex, 3/8-16
17	1916965	4	LOCKWASHER, 3/8
18	1917356	2	LOCKWASHER, 5/16
19	1918199	1	LOCKWASHER, 7/16
20	1920415	4	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
21	1920427	1	LOCKWASHER, External Tooth, 3/8
22	1920676	1	CAPSCREW, Hex Hd., 7/16-14 x 1
23	1922127	2	CAPSCREW, Hex Hd., 5/16-18 x 1-3/4
24	1923300	4	LOCKWASHER, Internal Tooth, 5/16
25	1924856	2	SCREW, Hex Hd., Taptite, 5/16-18 x 1/2
26	1924940	2	WASHER, 3/8
27	1925125	1	WASHER, 7/16 x 15/16 x 7/64
28	1928919	1	NUT & WASHER ASSY., (Keps), #10-32
29	1930531	1	SCREW, Truss Hd., Phillips, #10-32 x 1/2
30	1930598	3	SCREW, Hex, Taptite, 3/8-16 x 1-1/2
31	1960407	4	CAPSCREW, Hex, Socket Hd., M8 x 1-1/4 x 20mm
32	1960536	2	SCREW, Plastite, 1/4-20 x 1/2

Repair Parts for Ref. No. 7, Drive Shaft, part no. 1708491

A	912808	1	FITTING, Lube
B	1678805	2	CROSS & BEARING KIT (Neapco)
	1679003	2	CROSS & BEARING KIT (Weasler)
C	**	1	YOKE & FLANGE ASSY. (Neapco)
	1709048	1	YOKE & FLANGE ASSY. (Weasler)
D	**	1	YOKE (Neapco)
	1709049	1	YOKE (Weasler)
E	**	1	YOKE & TUBE ASSY. (Neapco)
	1709050	1	YOKE & TUBE ASSY. (Weasler)

* See your local authorized Briggs & Stratton dealer for parts and service.

** Neapco drive shaft components not available. Order Ref. No. 7 as a complete unit.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

Mfg. Nos. 1692454, 1692456, 1692458, 1692460, 1692505, 1692507

Engine - 20 HP Kohler

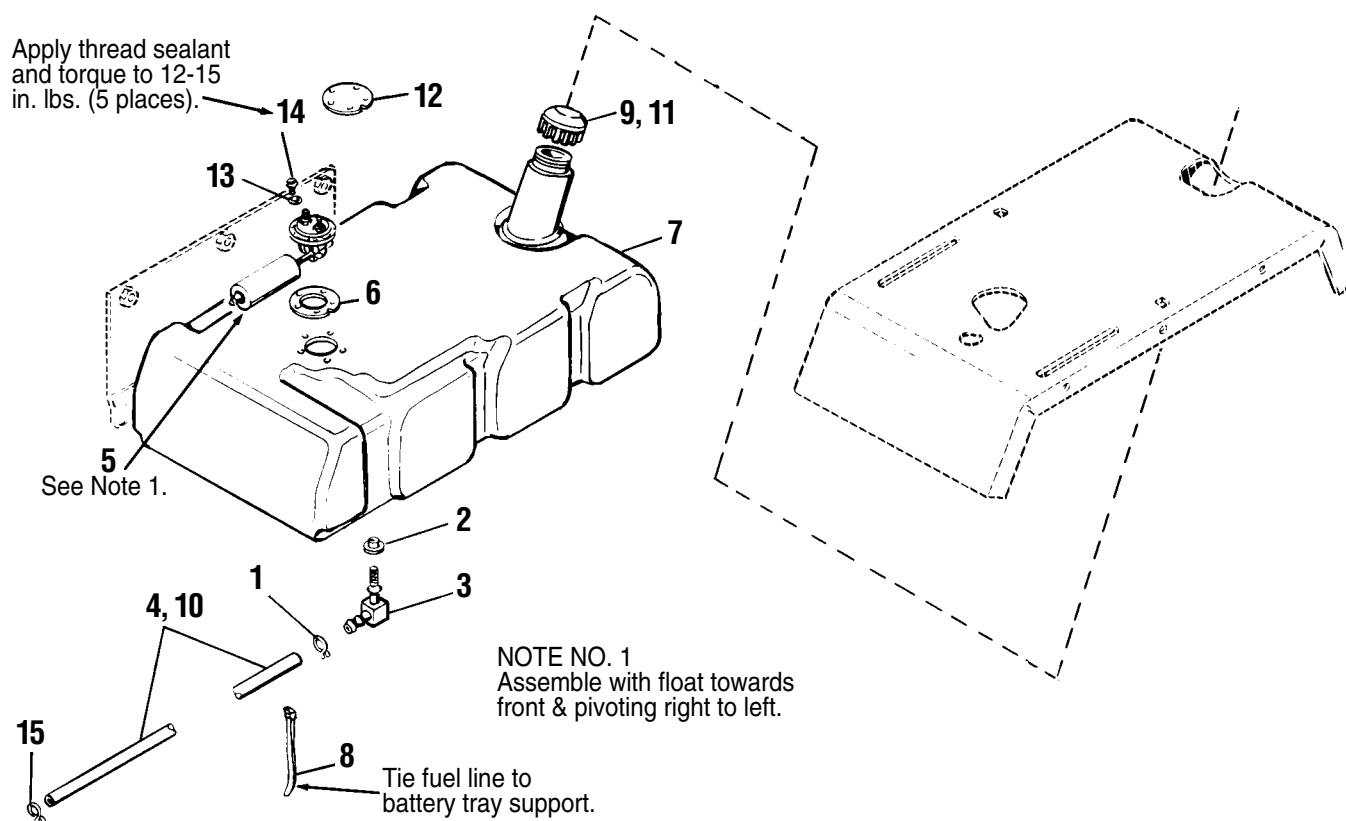
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	*	1	ENGINE, 20 HP, Kohler
2	166137	1	HOSE, Oil, Drain
3	901489	1	NIPPLE, Pipe, 3/8 x 1
4	920426	1	WASHER, External Tooth, 3/8
5	960477	1	COUPLING, Pipe, Straight
6	1677213	1	CLIP, Double
7	1679588	1	BOLT, Hex Hd., Flange, M8-1-1/4 x 20mm
8	1686655	1	MUFFLER, Exhaust (Incl. Ref. No. 16)
9	1708405	1	VALVE, Shut Off
10	1708491	1	DRIVE SHAFT ASSY. (Incl. Ref. Nos. A, B, C, D & E) Check Assy. for Mfg's. name (Neapco or Weasler)
11	1708493	1	CONTROL, Choke w/Knob
12	1708873	1	HEAT SHIELD, Muffler
13	1712286	1	CLAMP, Exhaust
14	1713846	1	KNOB, Throttle
15	1714067	1	THROTTLE CONTROL ASSY.
16	1714492	1	ELBOW, Exhaust
17	1916950	4	NUT, Hex, 3/8-16
18	1916965	4	LOCKWASHER, 3/8
19	1918199	1	LOCKWASHER, 7/16
20	1920676	1	CAPSCREW, Hex Hd., 7/16-14 x 1
21	1922755	2	WASHER, 13/32 x 1 x 1/8
22	1923300	4	LOCKWASHER, Internal Tooth
23	1923701	4	CAPSCREW, Hex Hd., 3/8-16 x 2
24	1924856	2	SCREW, Hex Hd., Taptite, 5/16-18 x 1/2
25	1924940	1	WASHER, 13/32 x 7/8 x 5/64
26	1925125	1	WASHER, 15/32
27	1928919	1	NUT & WASHER ASSY., #10-32 (KEPS)
28	1930531	1	SCREW, Truss Hd. (Phillips), #10-32 x 1/2
29	1960407	4	CAPSCREW, Hex, Socket Hd., M8 x 1-3/4 x 20mm
30	1960536	2	SCREW, Plastite, 1/4-10 x 1/2

Repair Parts for Ref. No. 10, Drive Shaft, part no. 1708491

A	912808	1	FITTING, Lube
B	1678805	2	CROSS & BEARING KIT (Neapco)
	1679003	2	CROSS & BEARING KIT (Weasler)
C	**	1	YOKE & FLANGE ASSY. (Neapco)
	1709048	1	YOKE & FLANGE ASSY. (Weasler)
D	**	1	YOKE (Neapco)
	1709049	1	YOKE (Weasler)
E	**	1	YOKE & TUBE ASSY. (Neapco)
	1709050	1	YOKE & TUBE ASSY. (Weasler)

* See your local authorized Briggs & Stratton dealer for parts and service.

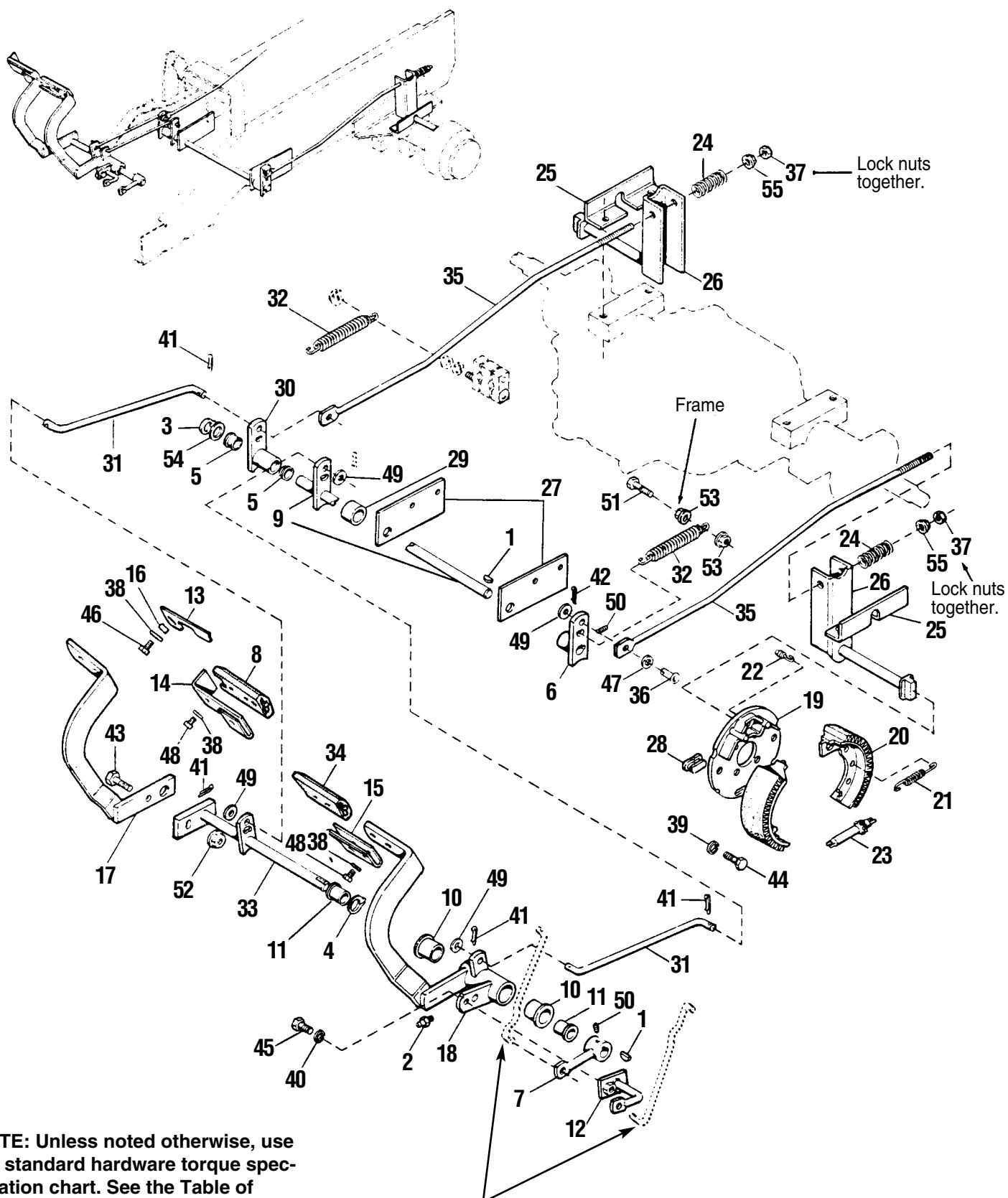
** Neapco drive shaft components not available. Order Ref. No. 10 as a complete unit.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models**Fuel Tank Group**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	960265	1	CLAMP, Hose
2	1654930	1	BUSHING
3	1674792	1	ELBOW, with Screen
4	1676861	1	HOSE, Fuel, 45.5" Long (18 HP models)
5	1685302	1	SENDER, Fuel Level (20 HP models) (Incl. Ref. Nos. 7, 13 & 14)
6	1685303	1	GASKET
7	1685304	1	FUEL TANK, w/Fittings & Gasket (Incl. Ref. Nos. 2, 3, 7, 13 & 14)
8	1701011	1	TIE, Self-Locking
9	1701192	1	CAP, Fuel, w/Gauge (18 HP models)
10	1708549	1	HOSE, Fuel, 38" Long (20 HP models)
11	1714020	1	CAP, Fuel, Vented (20 HP models)
12	1714649	1	PLATE (18 HP models only)
13	1917365	5	LOCKWASHER
14	1930531	5	SCREW, Truss Hd., #10-32 x 1/2
15	1960112	1	CLAMP, Hose



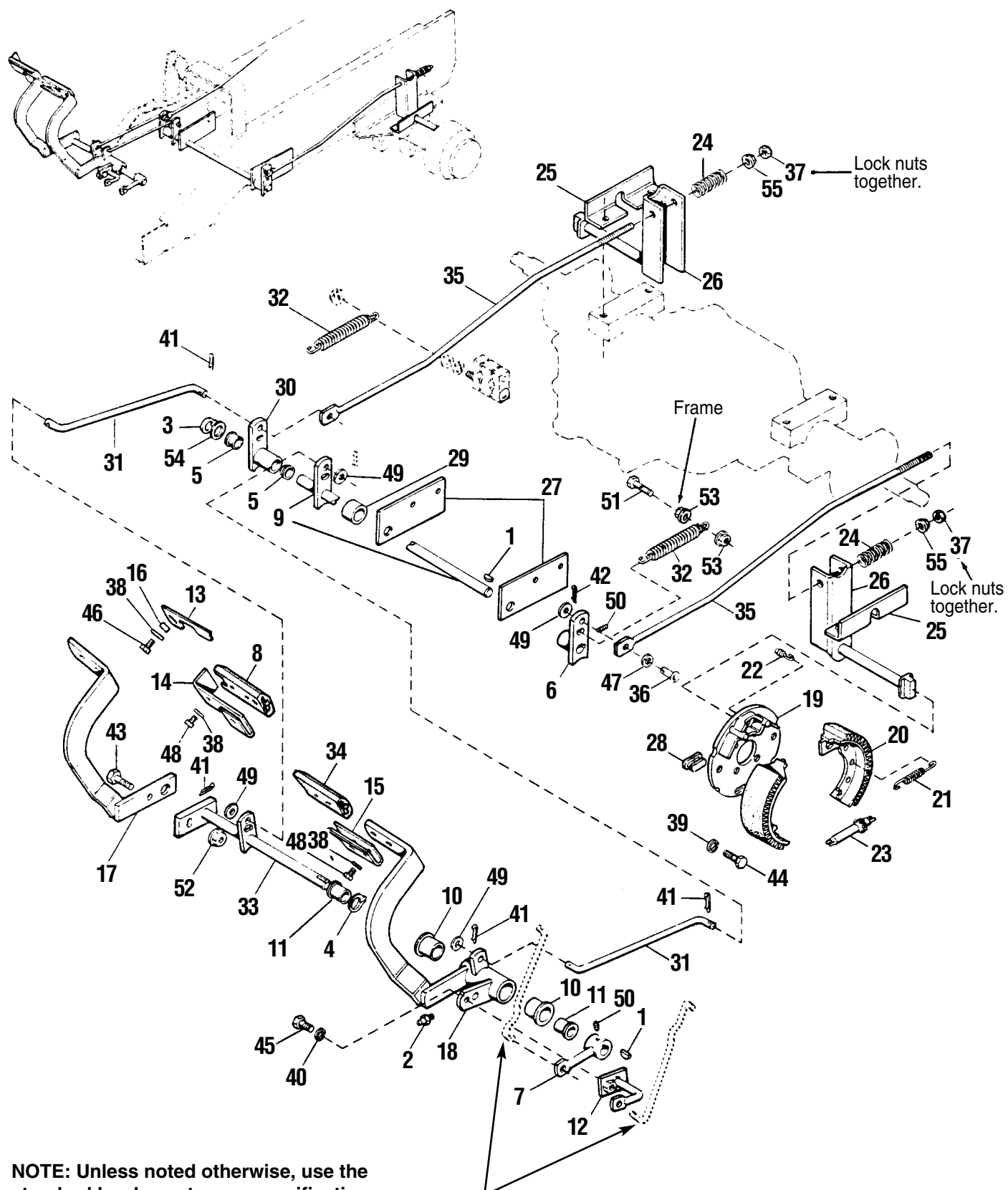
NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models

Brake Control

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	905123	2	KEY, Woodruff #9
2	921133	1	FITTING, Lube, 1/4" Drive
3	927732	1	RING, Retaining
4	932726	1	RING, Retaining
5	1671737	2	BUSHING
6	1674407	1	LEVER ASSY., Brake
7	1674410	1	ROD ASSY., Pivot Plate
8	1674423	1	PAD, Pedal
9	1674448	1	SHAFT & LEVER ASSY., Brake Pivot
10	1675305	2	BUSHING, 1-1/4 x 1-3/4 x 1
11	1675306	2	BUSHING, 3/4 x 7/8 x 1
12	1675307	1	ROD ASSY., Lock
13	1675336	1	LOCK, Pedal
14	1675337	1	SUPPORT, Pedal Lock
15	1675338	1	SUPPORT, Lock
16	1675339	1	SPACER
17	1675814	1	LEVER ASSY., Brake, RH
18	1675815	1	LEVER ASSY., Brake, LH
19	1676155	2	BRAKE SUPPORT ASSY.
20	1676167	4	BRAKE SHOE & PAD ASSY.
21	1676168	2	SPRING, Extension
22	1676169	4	SPRING, Extension
23	1676170	2	SCREW ASSY., Brake Adjusting
24	1676171	2	SPRING, Compression
25	1676187	2	SUPPORT, Actuator
26	1676212	2	ACTUATOR ASSY.
27	1676289	2	SUPPORT, Brake Cross Shaft
28	1676292	2	PLUG
29	1676346	1	SPACER, Special
30	1676347	1	LEVER ASSY., Brake
31	1676349	2	ROD & PLATE, Brake
32	1676351	2	SPRING, Extension
33	1676857	1	SHAFT ASSY., Brake, RH
34	1676859	1	PAD, Pedal, Inner
35	1685333	2	ROD ASSY. (Incl. Ref. Nos. 36 & 47)
36	1708298	1	PIN
37	1916951	2	NUT, Hex, 1/2-13
38	1916964	4	LOCKWASHER, 1/4
39	1916965	8	LOCKWASHER, 3/8
40	1917356	1	LOCKWASHER, 5/16

Ref. Nos. 41 - 55 are on the following page.



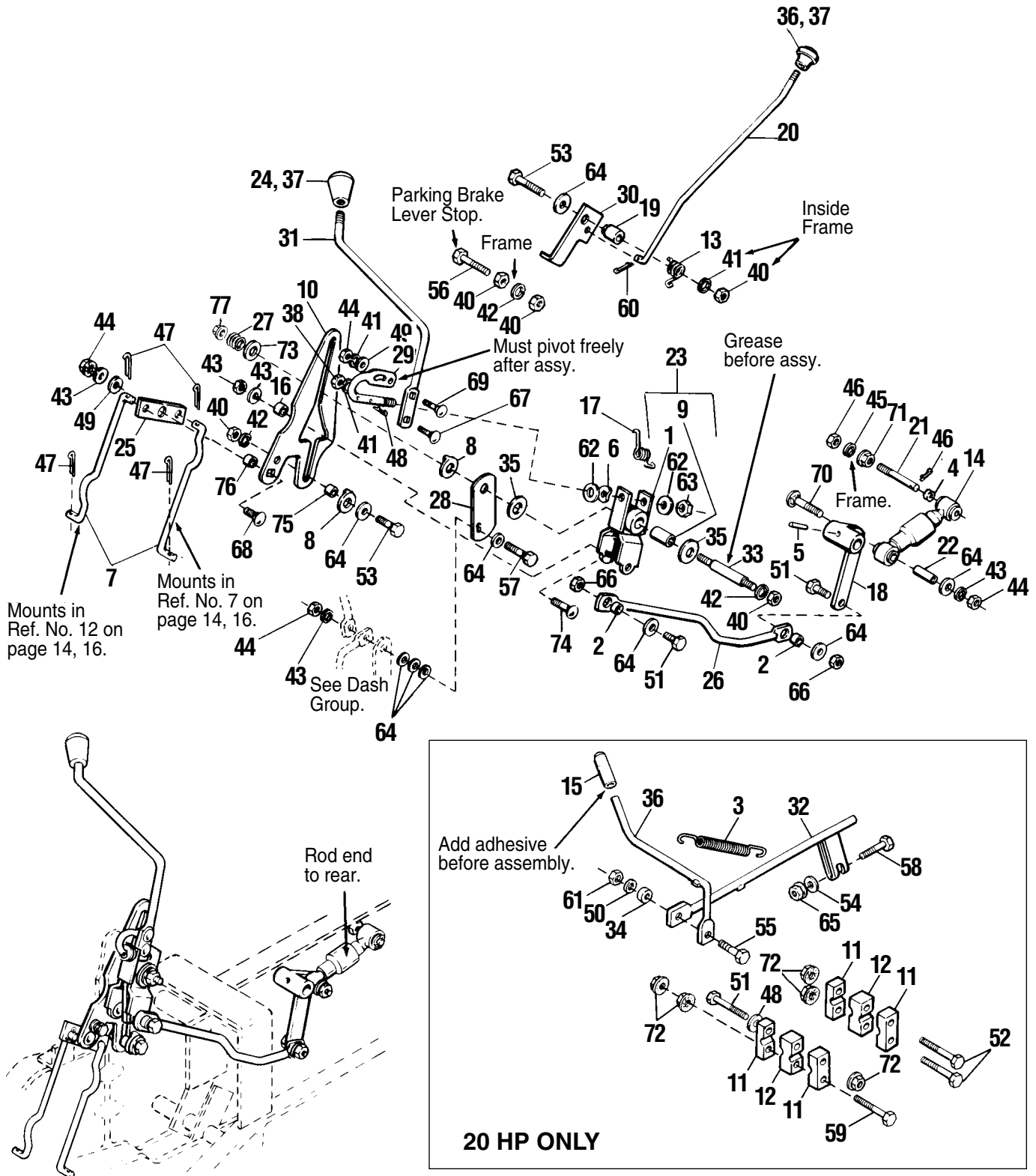
NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

Ground Speed Brake Rod,
Ref. No. 7, pages 18-21.

All Models**Brake Control**

REF. NO.	PART NO.	QTY.	DESCRIPTION
41	1918451	4	PIN, Cotter, 1/8-3/4
42	1918451	1	PIN, Cotter, 1/8 x 3/4
43	1920677	1	CAPSCREW, Hex Hd., 7/16-14 x 1-1/4
44	1921210	8	CAPSCREW, Hex Hd., 3/8-16 x 1
45	1921332	1	CAPSCREW, Hex Hd.
46	1921960	1	CAPSCREW, Hex Hd., 1/4-20 x 1
47	1922755	1	WASHER, 13/32
48	1923341	3	CAPSCREW, Hex Hd., 1/4-20 x 3/4
49	1924940	4	WASHER, Plain, 13/32 x 7/8 x 5/64
50	1928721	2	SETSCREW, Sq. Hd., 5/16-18 x 1/2
51	1930595	1	CAPSCREW, Hex, 5/16-18 x 1-1/4
52	1935041	1	LOCKNUT, Hex, Whiz, 7/16-14
53	1935048	2	NUT, Hex, Flange Lock, 5/16-18
54	1960114	1	WASHER, Plain, 3/4
55	1960515	2	NUT, Large Flange, 1/2-13

Ref. Nos. 1 - 40 are on the preceding page.



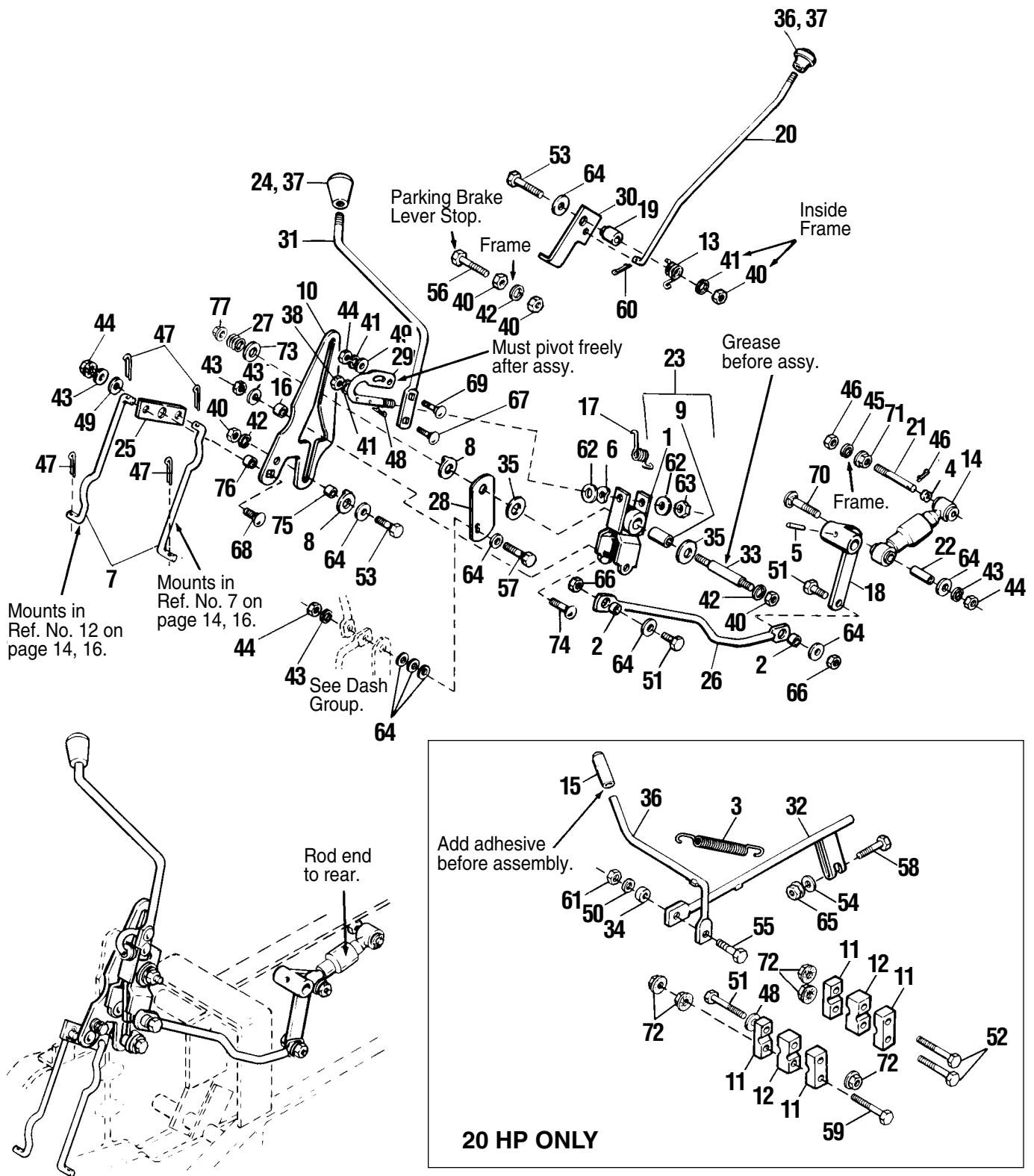
NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models**Transmission Control Group**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	LEVER ASSY., Hyd. Control (Not Serviced Separately. See Ref. No. 23.)
2	108717	2	SPACER, Ratchet Cage
3	156302*	1	SPRING
4	157168	1	SPACER
5	916937	1	PIN, Spring, 1/4 x 1-1/4
6	1668681	1	WASHER, Curved, 1/2 x 1 x 1/64
7	1674236	2	ROD, Ground Speed Brake
8	1674237	2	WASHER, Lug
9	1674254	1	BEARING SLEEVE
10	1674419	1	CAM PLATE, Hydro Lever
11	1674631*	4	BEARING HALF, Outer
12	1674632*	2	BEARING HALF, Center
13	1675492	1	SPRING, Torsion
14	1675537	1	SHOCK ABSORBER
15	1675708*	1	GRIP, Handle, Hi-Lo Control
16	1675795	1	SPACER, 21/64 x 5/8 x 1/2
17	1676307	1	SPRING, Torsion
18	1676316	1	LEVER ASSY, Control
19	1676375	1	SPACER, Parking Brake
20	1676377	1	ROD, Parking Brake
21	1676391	1	STUD
22	1676392	1	SPACER, 5/16
23	1676393	1	LEVER ASSY., Hyd. Control (Incl. Ref. No.1)
24	1676743	1	KNOB, Hard Plastic
25	1676823	1	PLATE, Pivot
26	1677069	1	ROD, Hydro Control
27	1677746	1	SPRING, Compression
28	1677757	1	BRACE, Hydro Control
29	1678837	1	ROD, Hydro Control
30	1679403	1	LEVER, Parking Brake
31	1686620	1	LEVER, Shift Control (Incl. Ref. No. 37)
32	1700204*	1	ROD ASSY., Hi-Lo Control, Lower
33	1702518	1	SHAFT, Pivot
34	1703900*	1	SPACER
35	1705928	2	DISC., Friction
36	1706633*	1	ROD, High-Low Control, Upper
37	1713843	1	KNOB, Shift Control, Soft
38	1713855	1	KNOB, Parking Brake, Soft
39	1916622	1	NUT, Hex, 1/4 x 20
40	1916950	5	NUT, Hex, 3/8-16

Ref. Nos. 41 - 77 are on the following page.

* Used on 20 HP models only.



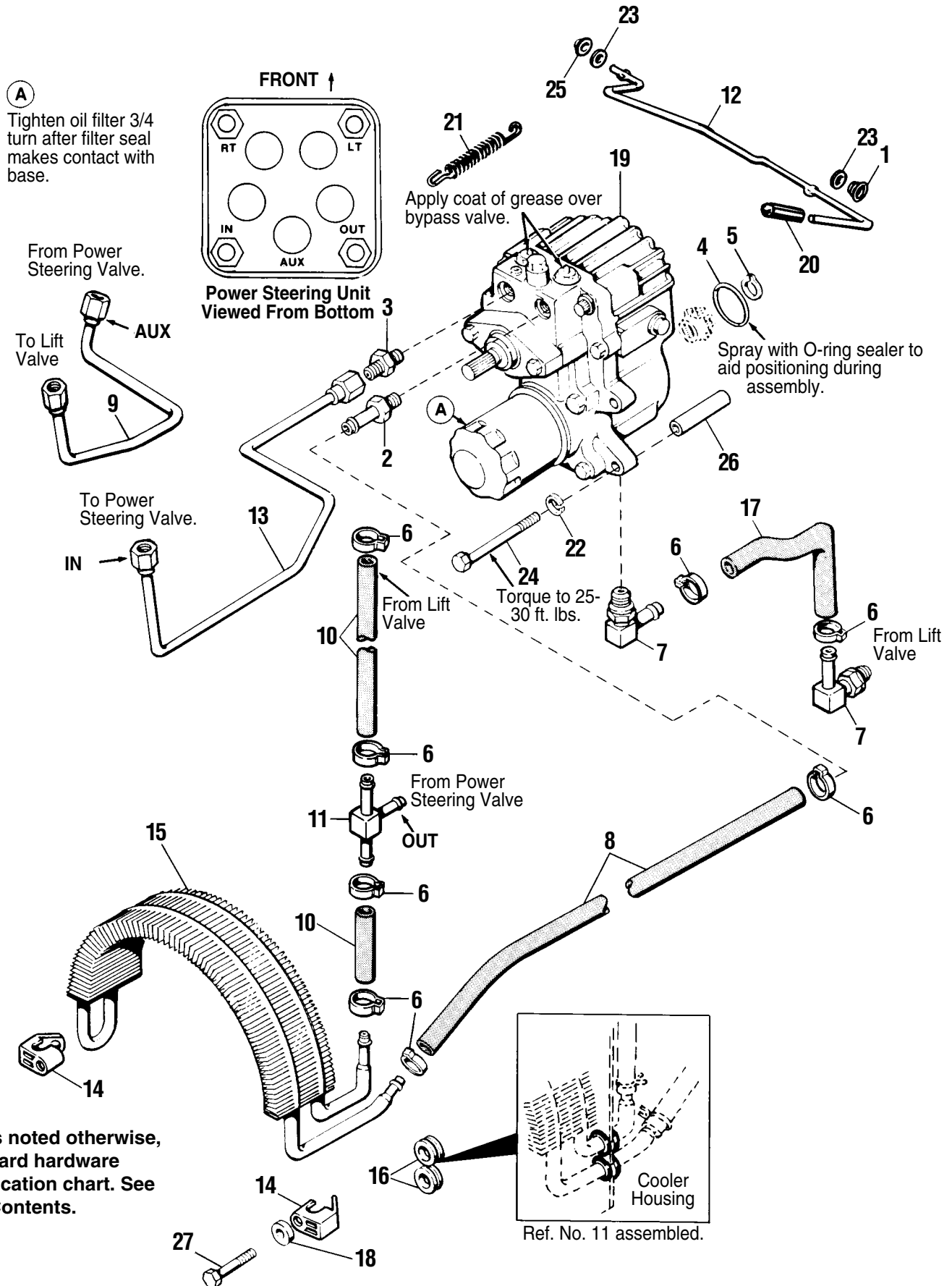
NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models**Transmission Control Group**

REF. NO.	PART NO.	QTY.	DESCRIPTION
41	1916964	1	LOCKWASHER, 1/4
42	1916965	4	LOCKWASHER, 3/8
43	1917356	5	LOCKWASHER, 5/16
44	1917372	5	NUT, Hex, 5/16
45	1918199	1	LOCKWASHER, 7/16
46	1918213	1	NUT, Hex, 7/16-14
47	1918447	4	PIN, Cotter, 3/32 x 3/4
48	1918451	2	PIN, Cotter, 1/8 x 3/4
49	1919326	3	WASHER, Plain, 11/32 x 3/4 x 1/16 (Qty. 2 used on 18 HP models)
50	1919381*	1	WASHER
51	1920415	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
52	1921160*	3	CAPSCREW, Hex Hd., 5/16- 18 x 2-1/4
53	1921210	2	CAPSCREW, Hex Hd., 3/8-16 x 7/8
54	1921319*	1	WASHER, Plain, 17/64 x 5/8 x 3/4
55	1921333*	1	CAPSCREW, Hex Hd., 5/16-18 x 1
56	1921971	2	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
57	1922127	1	CAPSCREW, Hex Hd., 5/16-18 x 1-3/4
58	1922837*	1	CAPSCREW, Hex Hd., 1/4-20 x 1-1/2
59	1923141*	1	CAPSCREW, Hex Hd., 5/16-18 x 2-3/4
60	1923360*	1	PIN, Cotter, 1/16 x 3/4
61	1923362*	1	NUT, Hex Lock, 5/16-18
62	1924361	2	WASHER, Plain, 1/2 x 1-1/4 x 5/64
63	1924650	1	NUT, Hex, Centerlock, Jam, 1/2-13
64	1924940	10	WASHER, Plain, 13/32 x 7/8 x 5/64
65	1930642*	1	LOCKNUT, Hex, Flange, 1/4-20
66	1930651	2	NUT, Hex, Centerlock, 3/8-16
67	1931320	1	CARRIAGE BOLT, 1/4-20 x 1-1/4
68	1931334	1	CARRIAGE BOLT, 5/16-18 x 7/8, Gr. 5
69	1931335	1	CARRIAGE BOLT, 5/16-18 x 1
70	1931800	1	CARRIAGE BOLT, 5/16-18 x 1-3/4
71	1935041	1	NUT, Hex, Flange, Whizlock, 7/16-14
72	1935048*	5	LOCKNUT, Hex, Flange, 5/16-18
73	1960020	1	WASHER, Plain, 21/32
74	1960223	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
75	1960237	1	SPACER, 25/64 x 5/8 x 13/32
76	1960238	1	SPACER, 5/16 x 5/8 x 7/32
77	1960339	1	LOCKNUT, Hex, Flange, 3/8-16

Ref. Nos. 1 - 40 are on the preceding page.

* Used on 20 HP models only.

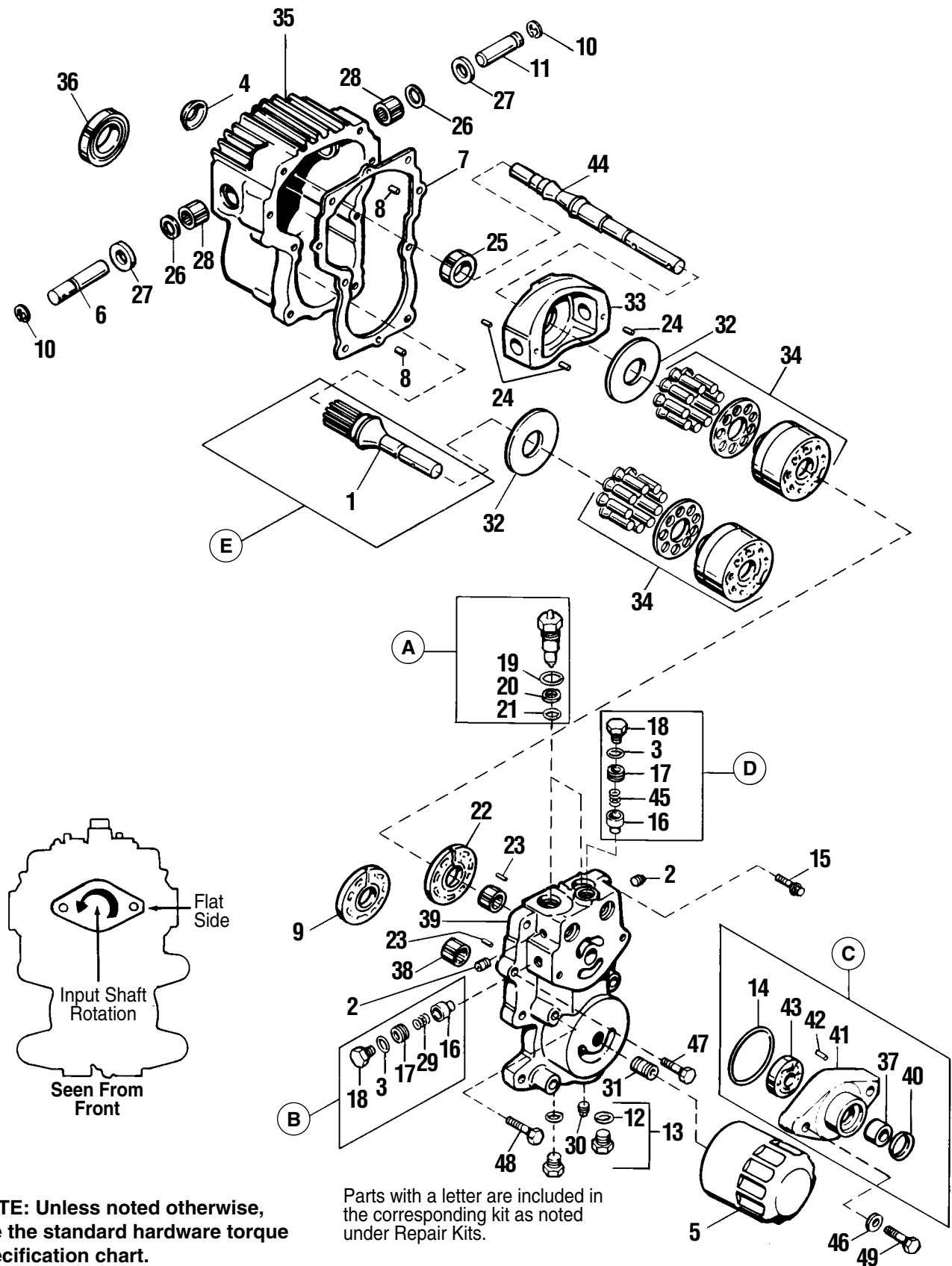


All Models

Hydraulic System

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	153010*	1	SPRING, Tension, Hydro Release
2	171465	1	FITTING, Hyd., 9/16-18 O.R. x 1/2
3	922522	1	FITTING, Hyd. 9/16-18 O. R. x 9/16-18
4	924135	1	"O" RING
5	927103	1	RING, Retaining, External
6	960266	8	CLAMP, Hose
7	1669954	2	FITTING, Hyd., 7/8-14 O.R. x 5/8, 90 degree
8	1674218	1	HOSE, Hyd., Return (Cooler to Pump)
9	1674764	1	TUBE ASSY., Hyd. (P.S. Valve to Lift Valve)
10	1674766	2	HOSE, Hyd., Return
11	1674768	1	FITTING, Hyd., Tee, 1/2 x 1/2 x 3/8
12	1675567*	1	ROD, Hydrostatic Release
13	1675600	1	TUBE ASSY. Hyd. (Pump to Power Steering Valve)
14	1675960	2	CLAMP, Oil Cooler
15	1675987	1	COOLER, Oil
16	1676648	2	GROMMET, Rubber
17	1677011	1	HOSE, Hyd., 5/8" 1.D., Preformed
18	1700692	2	SPACER
19	1702093	1	HYDROSTATIC PUMP (Service parts are on the following page)
20	1704575*	1	GRIP, Release Handle
21	1706553*	1	SPRING
22	1916965	4	LOCKWASHER, 3/8
23	1921319*	2	WASHER, 17/64 x 5/8 x 3/64
24	1922648	4	CAPSCREW, Hex Hd., 3/8-16 x 4, Gr. 5
25	1960126*	1	PUSH NUT
26	1960233	4	SPACER, Mounting
27	1960308	2	SCREW, Plastite, 1/4-20 x 1-1/2

***Used on 18 HP only.**

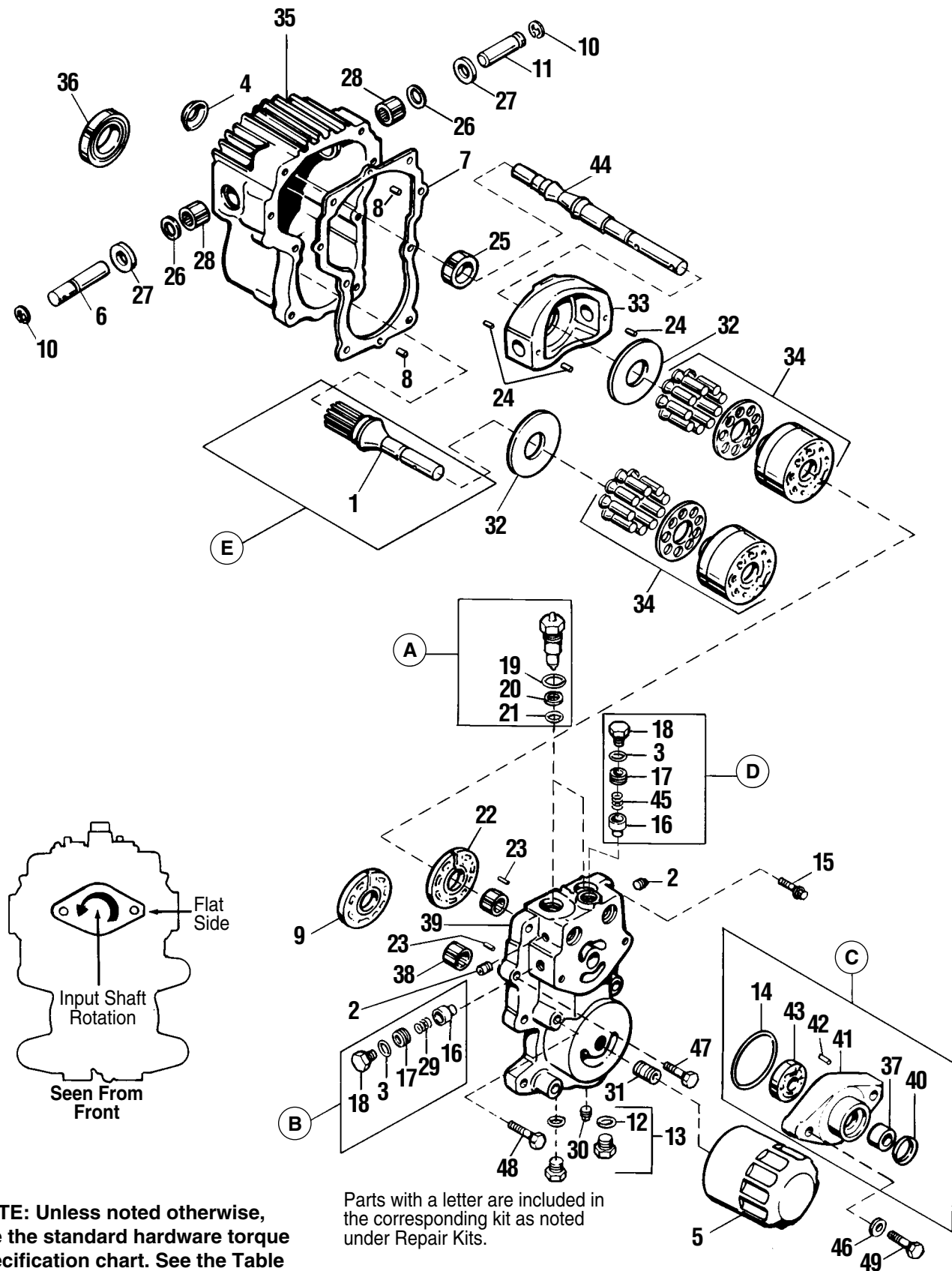


All Models

Hydrostatic Pump - Service Parts

REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	SHAFT, Motor (See Repair Kit "E")
2	917673	4	PLUG, Pipe
3	921884	2	"O" RING
4	1612093	1	SEAL, Lip
5	1650954	1	FILTER ASSY.
6	1652183	1	SHAFT, Trunnion
7	1652184	1	GASKET
8	1652185	2	PIN, Headless
9	1652189	1	PLATE, Valve (Motor)
10	1652192	2	RING, Retaining
11	1652194	1	SHAFT, Trunnion
12	1652196	2	"O" RING
13	1652197	2	PLUG, Hex Hd. (Incl. Ref. No. 12)
14	1652207	1	"O" RING
15	1652212	2	SCREW, 12 Pt.
16	1652214	2	CONE, Relief Valve
17	1652216	4	KIT, Shim Pack
18	1652217	2	PLUG, Hex Hd.
19	1652219	2	"O" RING
20	1652220	2	RING, Back-Up
21	1652221	2	"O" RING
22	1652223	1	PLATE, Valve (Pump)
23	1652224	2	PIN, Headless, St.
24	1652226	3	PIN, Spring
25	1652231	1	BEARING, Ball
26	1652234	2	SEAL, Lip
27	1652235	2	WASHER
28	1652251	2	BEARING, Needle
29	1652253	1	SPRING, Relief Valve
30	1671665	1	PLUG, Pipe
31	1671699	1	UNION, Filter
32	1673532	2	PLATE, Thrust
33	1673533	1	PLATE, Swash
34	1673535	2	BLOCK, Cylinder
35	1678975	1	HOUSING ASSY. (Incl. Ref. Nos. 4, 26 & 28)
36	1678977	1	BEARING, Ball
37	1678979	1	BEARING, Roller
38	1678979	2	BEARING, Roller
39	1678980	1	SECTION, Center
40	1678981	1	SEAL, Lip

Ref. Nos. 41- 49 & Repair Kits are on the following page.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models

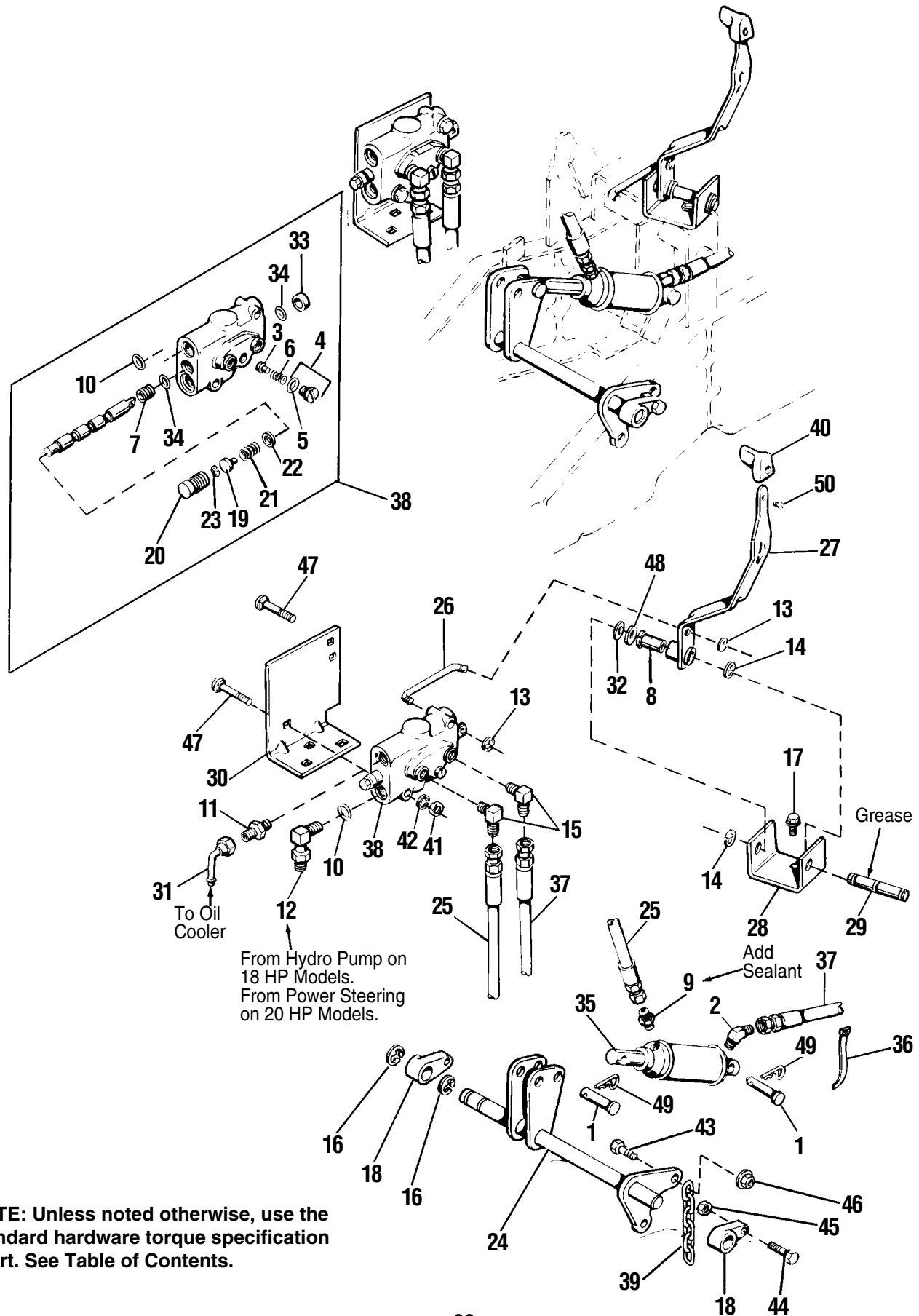
Hydrostatic Pump - Service Parts

REF. NO.	PART NO.	QTY.	DESCRIPTION
41	1678983	1	HOUSING, Charge Pump
42	1678984	1	PIN, Straight
43	1678985	1	GEROTER
44	1678987	1	SHAFT, Pump
45	1700813	1	SPRING, Rel. Valve
46	1918199	2	WASHER, Flat
47	1920415	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
48	1923701	4	CAPSCREW, Hex Hd., 3/8-16 x 2
49	1927531	2	CAPSCREW, Hex Hd., 7/16-14 x 2

Repair Kits

A	1673537	CHECK VALVE ASSY. (Incl. Ref. Nos. 19, 20 & 21)
B	1673538	RELIEF VALVE KIT (Incl. Ref. Nos. 3, 16, 17, 18 & 29)
C	1678988	CHARGE PUMP KIT (Incl. Ref. Nos. 14, 37, 40, 41, 42 & 43)
D	1700812	RELIEF VALVE KIT (Incl. Ref. Nos. 3, 16, 17, 18 & 45)
E	1703993	SHAFT & SNAP RING KIT

Ref. Nos. 1- 40 are on the preceding page.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See Table of Contents.

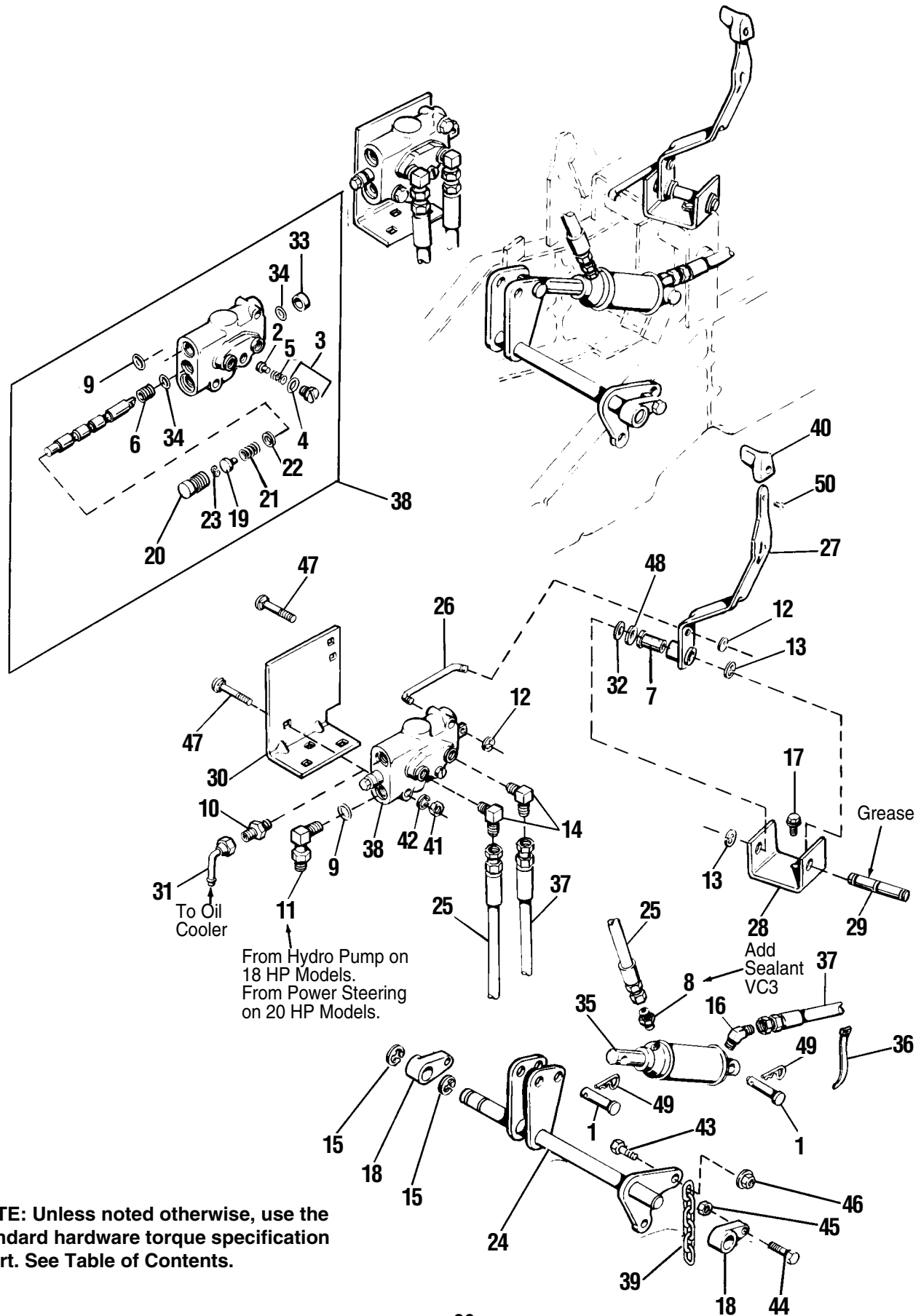
All Models

Implement Lift Group

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	171690	2	PIN, Yoke, 5/8 x 2-1/16
2	172320	1	FITTING, Elbow 45°, 1/8-27 x 1/2-70
3	174130	1	PLUNGER, Lift Check
4	174131*	1	PLUG & O-RING ASSY. (Incl. Ref. No. 5)
5	174133*	1	"O" RING
6	174134	1	SPRING
7	174137	1	BUSHING
8	175731	1	BUSHING, Nylon, 41/64" I.D. x 49/64" O.D. x 1-1/2"
9	919766	1	FITTING, Hydraulic
10	921349	2	"O" RING
11	921409	1	FITTING, Hydraulic
12	923905	1	FITTING, Hydraulic
13	927789	2	RING, Retaining, "E" Type, 3/16
14	927793	2	RING, Retaining, "E" Type, 5/8
15	928812	2	FITTING, Hydraulic
16	934712	2	"E" RING, External
17	1664847	2	SCREW, Taptite, 5/16-18 x 3/4
18	1670728	2	BEARING, Lift Shaft
19	1673833	1	SPACER
20	1673834	1	CAP, Valve Assy.
21	1673835	1	SPRING
22	1673836	1	WASHER
23	1673837*	1	RING, Retaining
24	1674425	1	LIFT ASSY., Cylinder
25	1675157	1	HOSE ASSY., Hyd. (Valve to rear of steering cylinder)
26	1675944	1	ROD, Control
27	1675970	1	CONTROL LEVER ASSY.
28	1675974	1	BRACKET, Support
29	1675975	1	SHAFT, Control Support
30	1676279	1	PLATE, Valve Mount
31	1676397	1	FITTING, Hydraulic
32	1678100	1	WASHER, Spring
33	1679138*	1	WIPER, Scraper
34	1679142*	2	"O" RING
35	1685347	1	CYLINDER, Hyd., Lift (Incl. Ref. No.2)
36	1701011	1	TIE, Plastic
37	1702392	1	HOSE ASSY., Hyd. (Valve to front of steering cylinder)
38	1708010	1	VALVE ASSY., Control (Incl. Ref. Nos. 3 - 7, 11, 19 - 23, 33 & 34)
39	1708266	2	CHAIN, Lift
40	1713847	1	KNOB, Control Handle

Ref. Nos. 41 - 50 are on the following page.

*Seal Repair Kit, part no. 1679732, contains Ref. Nos. 4, 5, 23, 33 & 34.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See Table of Contents.

All Models

Implement Lift Group

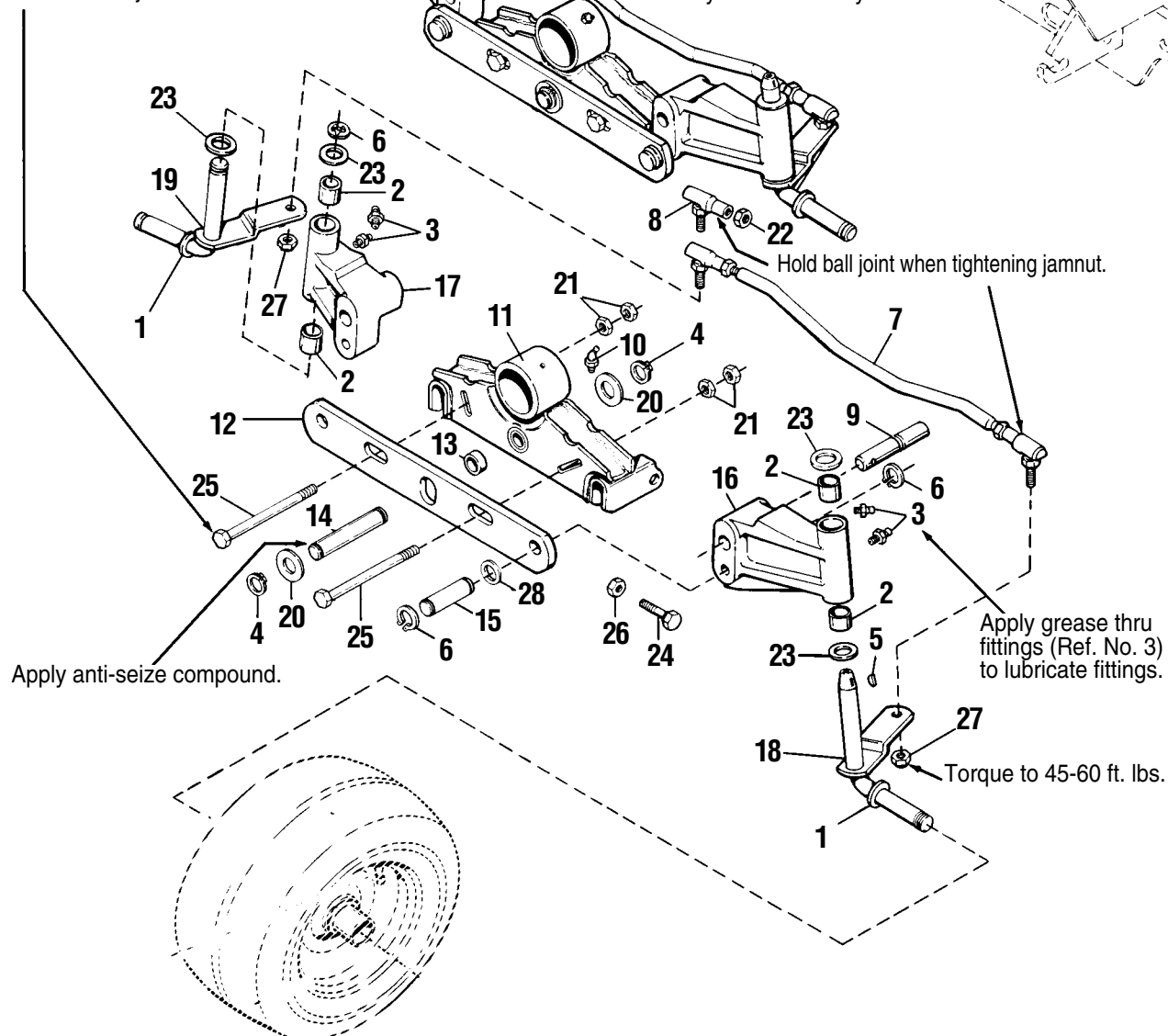
REF. NO.	PART NO.	QTY.	DESCRIPTION
41	1916622	2	NUT, Hex, 1/4-20
42	1916964	2	LOCKWASHER, 1/4
43	1921210	2	CAPSCREW, 3/8-16 x 1.0
44	1921977	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
45	1923362	2	LOCKNUT, Hex, 5/16-18
46	1930645	2	NUT, Hex, Flange, 3/8-16
47	1931323	2	CARRIAGE BOLT, 1/4-20 x 2
48	1960020	1	WASHER, Plain, 21/32 I.D. x 1-1/4 O.D. x 1/16
49	1960033	2	CLIP, Hairpin
50	1960106	1	SCREW, Plastite, 1/4 x 1

Ref. Nos. 1 - 40 are on the preceding page.

***Seal Repair Kit, part no. 1679732, contains Ref. Nos. 4, 5, 23, 33 & 34.**

Use Ref. Nos. 25 and 21 to draw front axle support together until Ref. No. 11 is free to pivot without fore and aft movement. Lock nuts (Ref. No. 21) together to hold adjustment.

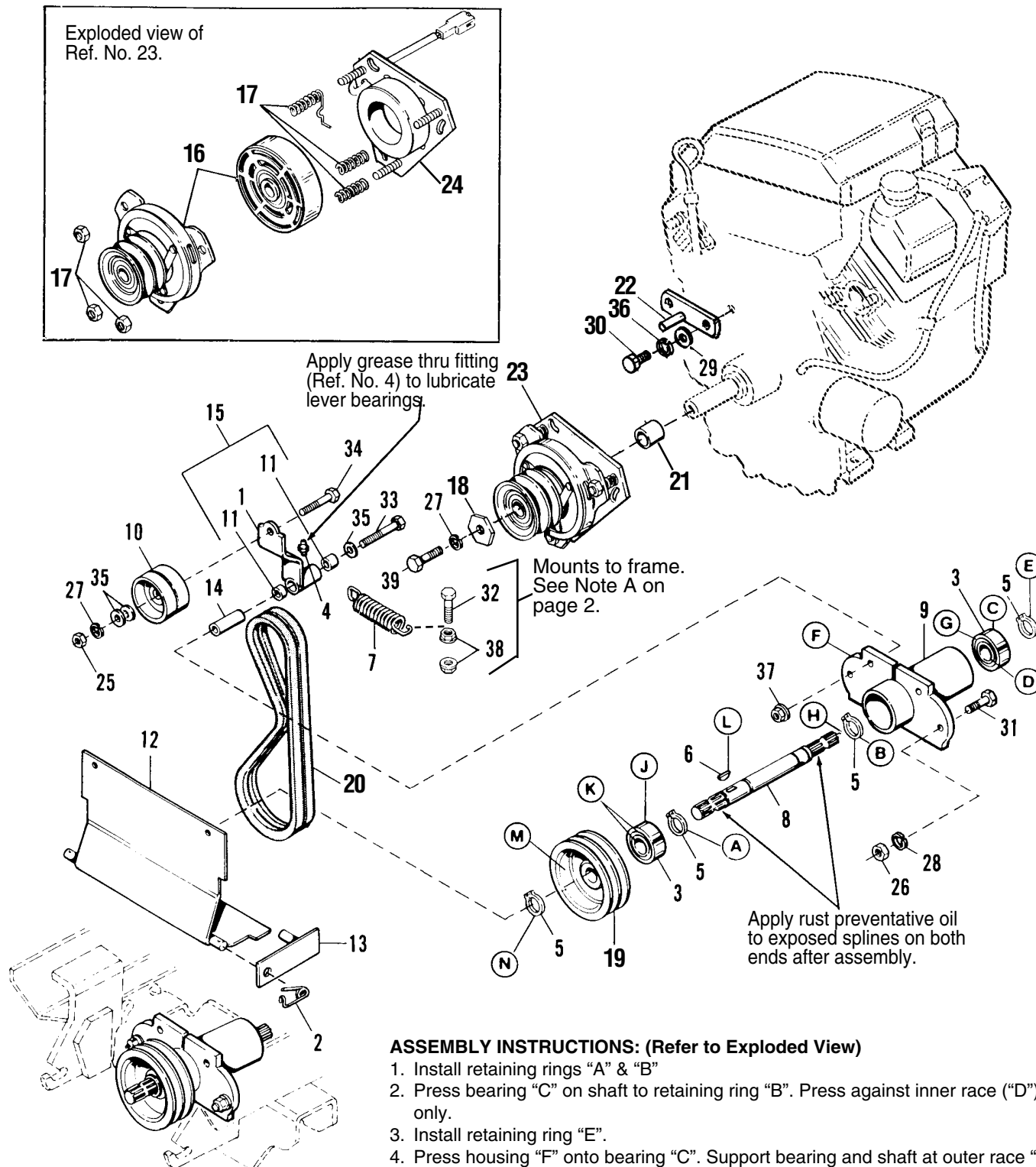
Front axle must pivot freely after assembly.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See Table of Contents.

All Models**Front Axle**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	168100	2	COLLAR, Seal, Spindle Assy.
2	168103	4	BUSHING, Spindle
3	912808	4	FITTING, Lube, 1/4-28
4	927732	2	RING, Retaining, 3/4 I. D.
5	930671	1	KEY, Hi-Pro, 1/4 x 3/4
6	932577	4	RING, Retaining, Heavy-duty
7	1659726	1	TIE ROD ASSY. (Incl. Ref. No. 8 & 22)
8	1677206	2	BALL JOINT ASSY.
9	1677464	2	PIN, Axle Pivot
10	1679811	1	FITTING, Lube, 45°, 1/4", DriveType
11	1702603	1	HITCH SUPPORT ASSY.
12	1703215	1	LINK, Axle
13	1703322	1	SPACER
14	1703324	1	SHAFT
15	1703787	2	PIN, Axle Pivot
16	1705830	1	AXLE PIVOT ASSY., LH (Incl. Qty 2 of Ref. Nos. 2 & 3)
17	1705832	1	AXLE PIVOT ASSY., RH (Incl. Qty 2 of Ref. Nos. 2 & 3)
18	1705849	1	SPINDLE ASSY. LH, (Incl. Ref. No. 1)
19	1705850	1	SPINDLE ASSY., RH (Incl. Ref. No. 1)
20	1911386	2	WASHER, 3/4 I. D.
21	1916950	4	NUT, Hex, 3/8-16
22	1919262	2	NUT, Hex, Jam, 1/2-20
23	1919394	4	WASHER, 1-1/32 x 1-5/8 x 1/16
24	1922127	2	CAPSCREW, Hex Hd., 5/16-18 x 1-3/4, Gr. 5
25	1922648	2	CAPSCREW, Hex Hd., 3/8-16 x 4
26	1923362	2	NUT, Hex, Centerlock, 5/16-18
27	1930245	2	NUT, Hex, Centerlock, 1/2-20
28	1960070	2	WASHER, 1-1/32 x 1-3/4 x 7 Ga.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

ASSEMBLY INSTRUCTIONS: (Refer to Exploded View)

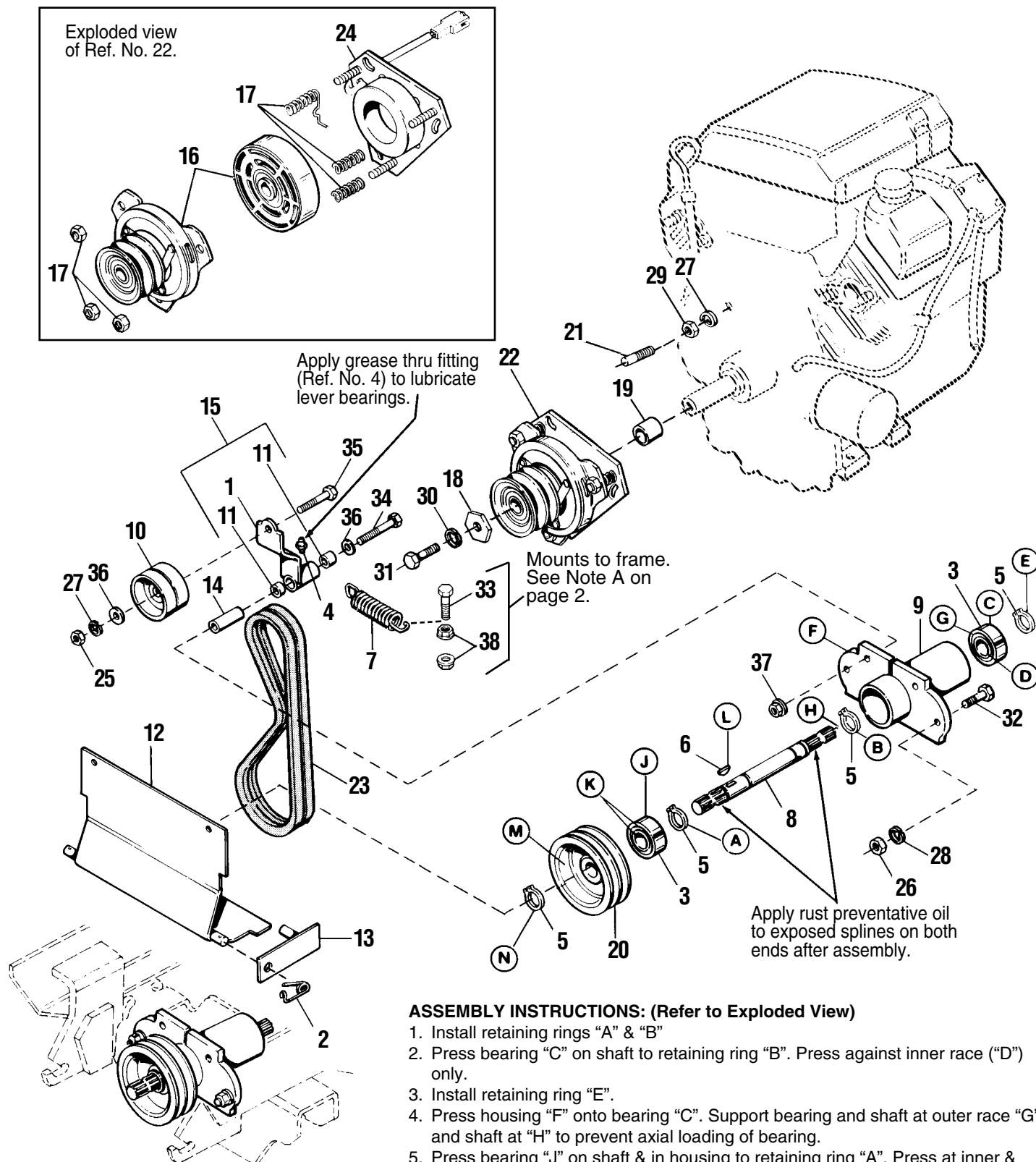
1. Install retaining rings "A" & "B"
2. Press bearing "C" on shaft to retaining ring "B". Press against inner race ("D") only.
3. Install retaining ring "E".
4. Press housing "F" onto bearing "C". Support bearing and shaft at outer race "G" and shaft at "H" to prevent axial loading of bearing.
5. Press bearing "J" on shaft & in housing to retaining ring "A". Press at inner & outer races (K) equally while supporting bearing "C" at outer race "G" and shaft at "H" to prevent any axial loading of bearing while pressing.
6. Install key "L".
7. Press pulley "M" on shaft to bearing "J" while supporting shaft at "H"
8. Install retaining ring "N".
9. Allowable end play - 1/8" MAX.

Mfg. Nos. 1692521, 1692523, 1692525

Front PTO - 18 HP Briggs & Stratton

REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	IDLER ARM ASSY. (See Ref. No. 15)
2	176012	2	CLIP, Pin, Safety
3	528126	2	BEARING, Ball, 1-3/16 x 2-7/16 x 5/8
4	921133	1	FITTING, Grease
5	927742	4	RING
6	930671	1	KEY, HI PRO, 1/4 x 3/4
7	1664661	1	SPRING, Tension
8	1674103	1	SHAFT, Spline, PTO
9	1674105	1	HOUSING & PLATE ASSY.
10	1674736	1	PULLEY, Idler, 3-1/4 Dia.
11	1675352	2	BUSHING, Idler Arm
12	1676546	1	GUARD ASSY.
13	1676549	2	LINK & PIN ASSY., Guard
14	1676833	1	SPACER, 3/8 x 5/8 x 1-3/4
15	1676837	1	IDLER ARM ASSY. (Incl. Ref. Nos. 1 & 11)
16	1686661*	1	ROTOR ASSY. & ARMATURE ASSY. KIT
17	1707587*	1	ACCESSORY KIT (Qty. 3 each, nuts & springs)
18	1708264	1	WASHER, Hex
19	1708523	1	PULLEY, PTO Drive
20	1708529	1	BELT SET, PTO Drive (Matched Set of 2)
21	1714624	1	SPACER
22	1714629	1	PLATE ASSY.
23	1714637	1	ELECTRIC CLUTCH (PTO) (Incl. Ref. Nos. 16, 17 & 24)
24	1714800*	1	FIELD ASSY.
25	1916950	1	NUT, Hex, 3/8-16
26	1916951	2	NUT, Hex, 1/2-13
27	1916965	2	LOCKWASHER, 3/8
28	1916966	2	LOCKWASHER, 1/2
29	1918199	1	LOCKWASHER, 15/32
30	1920676	1	CAPSCREW, 7/16-14 x 1
31	1921176	2	CAPSCREW, Hex Hd., 1/2-13 x 1-1/4, Gr. 5
32	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
33	1921972	1	SCREW, Hex Hd., 3/8-16 x 2-1/2, Gr. 5
34	1923701	1	SCREW, Hex Hd., 3/8-16 x 2
35	1924940	3	WASHER, 13/32
36	1925125	1	WASHER, 15/32 I.D. x 15/16 O.D. x 7/64 Thk.
37	1930645	1	NUT, Hex, Flange, 3/8-16
38	1931211	2	NUT, Hex, Flange Whizlock, 3/8-16
39	1960345	1	SCREW, Hex Hd., 3/8-24 x 2, Gr. 5

*** Repair Parts for Ref. No. 23, Electric Clutch, part no. 1714637.**



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

ASSEMBLY INSTRUCTIONS: (Refer to Exploded View)

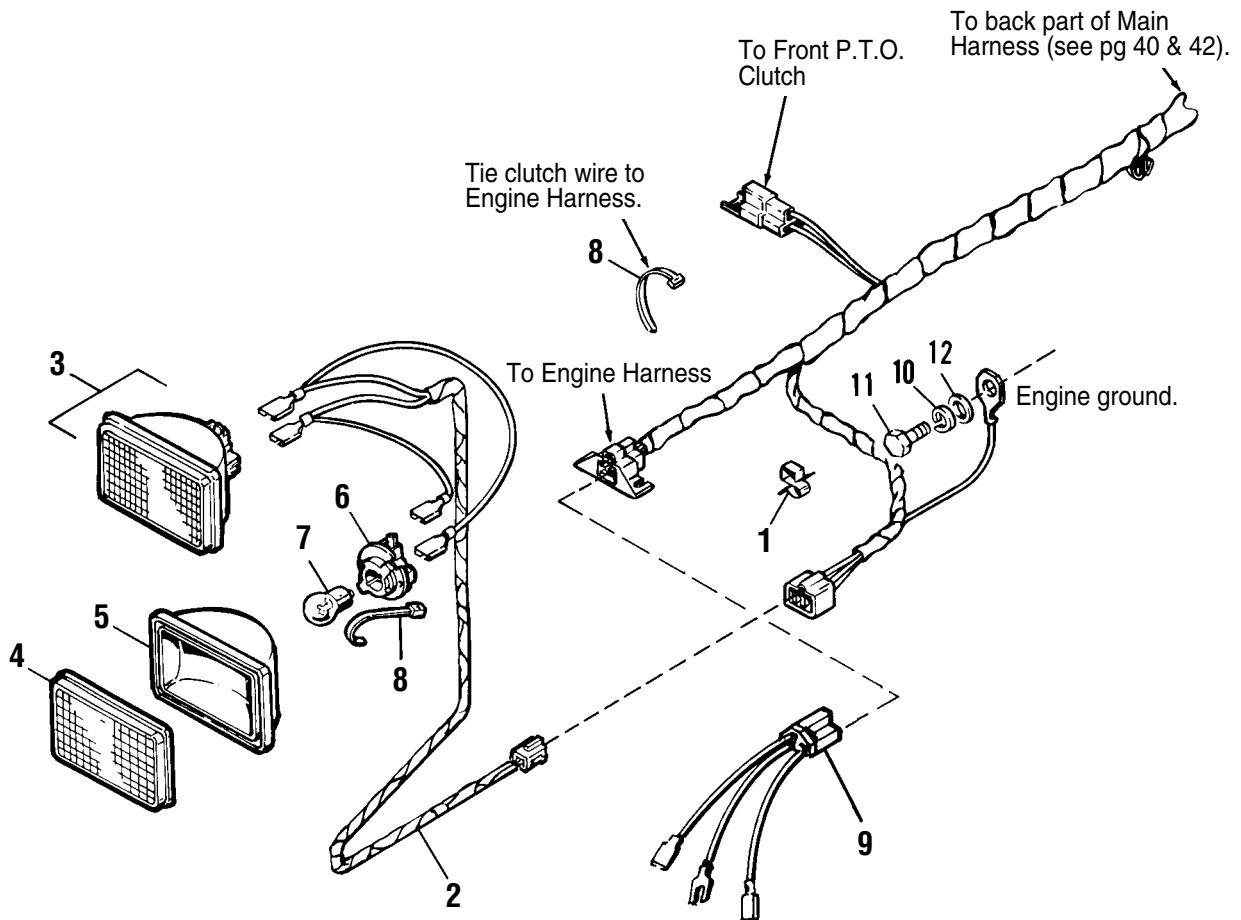
1. Install retaining rings "A" & "B"
2. Press bearing "C" on shaft to retaining ring "B". Press against inner race ("D") only.
3. Install retaining ring "E".
4. Press housing "F" onto bearing "C". Support bearing and shaft at outer race "G" and shaft at "H" to prevent axial loading of bearing.
5. Press bearing "J" on shaft & in housing to retaining ring "A". Press at inner & outer races (K) equally while supporting bearing "C" at outer race "G" and shaft at "H" to prevent any axial loading of bearing while pressing.
6. Install key "L".
7. Press pulley "M" on shaft to bearing "J" while supporting shaft at "H"
8. Install retaining ring "N".
9. Allowable end play - 1/8" MAX.

Mfg. Nos. 1692454 1692456, 1692458, 1692460, 1692505, 1692507

Front PTO - 20 HP Kohler

REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	IDLER ARM ASSY. (See Ref. No. 15)
2	176012	2	CLIP, Pin, Safety
3	528126	2	BEARING, Ball, 1-3/16 x 2-7/16 x 5/8
4	921133	1	FITTING, Grease
5	927742	4	RING
6	930671	1	KEY, HI PRO, 1/4 x 3/4
7	1664661	1	SPRING, Tension
8	1674103	1	SHAFT, Spline, PTO
9	1674105	1	HOUSING & PLATE ASSY.
10	1674736	1	PULLEY, Idler, 3-1/4 Dia.
11	1675352	2	BUSHING, Idler Arm
12	1676546	1	GUARD ASSY.
13	1676549	2	LINK & PIN ASSY., Guard
14	1676833	1	SPACER, 3/8 x 5/8 x 1-3/4
15	1676837	1	IDLER ARM ASSY. (Incl. Ref. Nos. 1 & 11)
16	1685490*	1	ROTOR ASSY. & ARMATURE ASSY. KIT
17	1707587*	1	ACCESSORY KIT (Qty. 3 each, nuts & springs)
18	1708264	1	WASHER, Hex
19	1708494	1	SPACER
20	1708523	1	PULLEY, PTO Drive
21	1708526	1	STUD, Clutch, Torque
22	1708527	1	ELECTRIC CLUTCH (PTO) (Incl. Ref. Nos. 16, 17 & 24)
23	1708529	1	BELT SET, PTO Drive (Matched Set of 2)
24	1709053*	1	FIELD ASSY.
25	1916950	1	NUT, Hex, 3/8-16
26	1916951	2	NUT, Hex, 1/2-13
27	1916965	2	LOCKWASHER, 3/8
28	1916966	2	LOCKWASHER, 1/2
29	1917421	1	NUT, Hex Jam, 3/8-16
30	1918199	1	LOCKWASHER, 7/16
31	1920594	1	SCREW, Hex Hd., 7/16-20 x 2, Gr. 5
32	1921176	2	CAPSCREW, Hex Hd., 1/2-13 x 1-1/4, Gr. 5
33	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
34	1921972	1	SCREW, Hex Hd., 3/8-16 x 2-1/2, Gr. 5
35	1923701	1	SCREW, Hex Hd., 3/8-16 x 2
36	1924940	2	WASHER, 13/32
37	1930645	1	NUT, Hex, Flange, 3/8-16
38	1931211	2	NUT, Hex, Flange Whizlock, 3/8-16

*** Repair Parts for Ref. No. 22, Electric Clutch, part no. 1708527.**

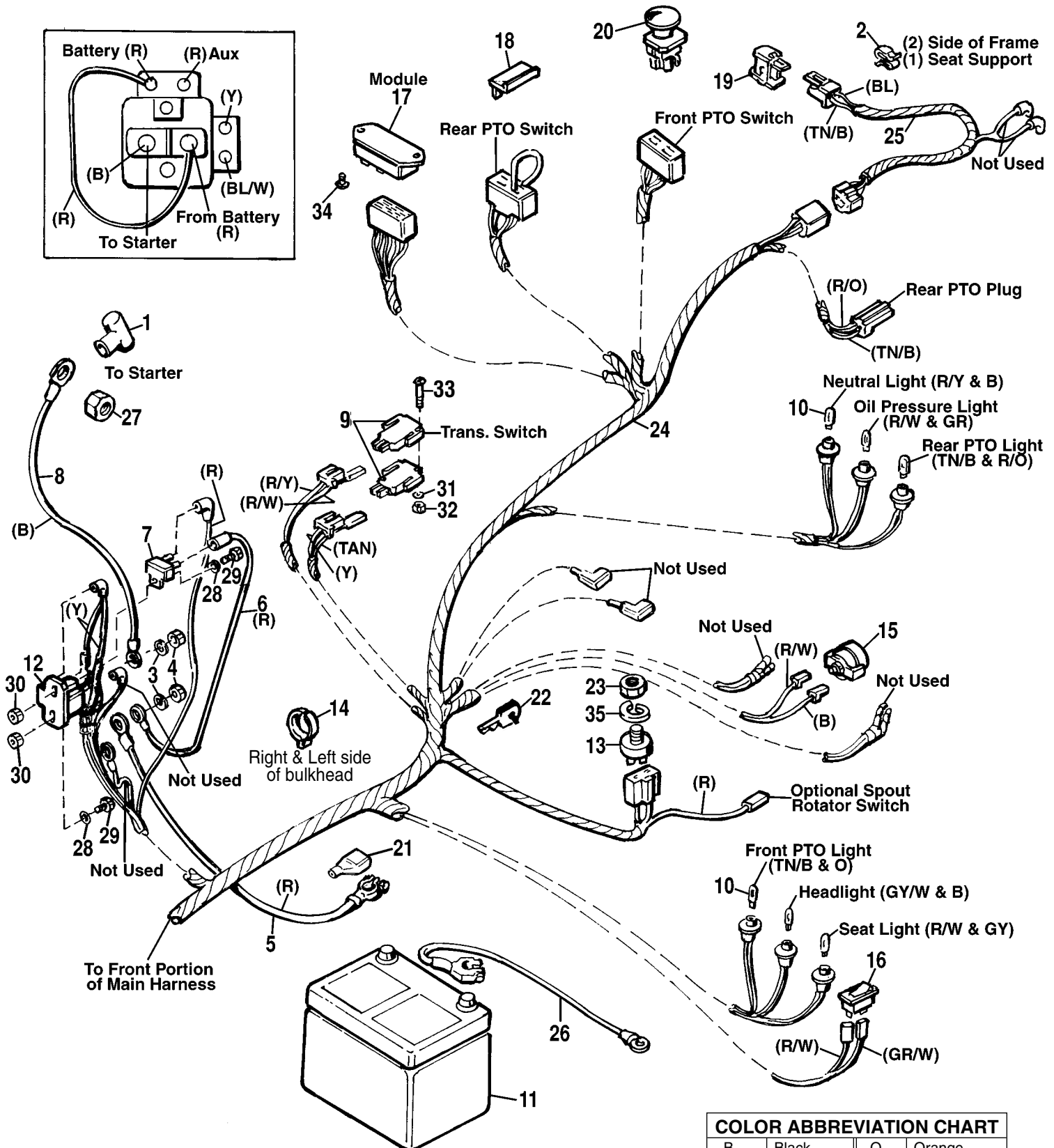


NOTE: Unless noted otherwise, use the standard hardware torque specification chart located on the inside back cover.

All Models**Front Wiring Harness**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	930222	1	CLIP
2	1674358	1	HARNESS, Headlight
3	1674363	2	HEADLIGHT ASSY. (Incl. Ref. No. 4, 5, 6 & 7)
4	1677368	2	LENS, Clear
5	1677369	2	REFLECTOR
6	1677370	2	SOCKET, Bulb
7	1677371	2	BULB, 12.8V
8	1701011	3	TIE (Qty. 4 used on 18 HP models)
9	1714632	1	JUMPER WIRE, (18 HP models only)
10	1918199	1	LOCKWASHER, 7/16
11	1920676	1	CAPSCREW, Hex Hd., 7/16-14 x 1
12	1925125	1	WASHER

Main Wiring Harness - 18 HP Models



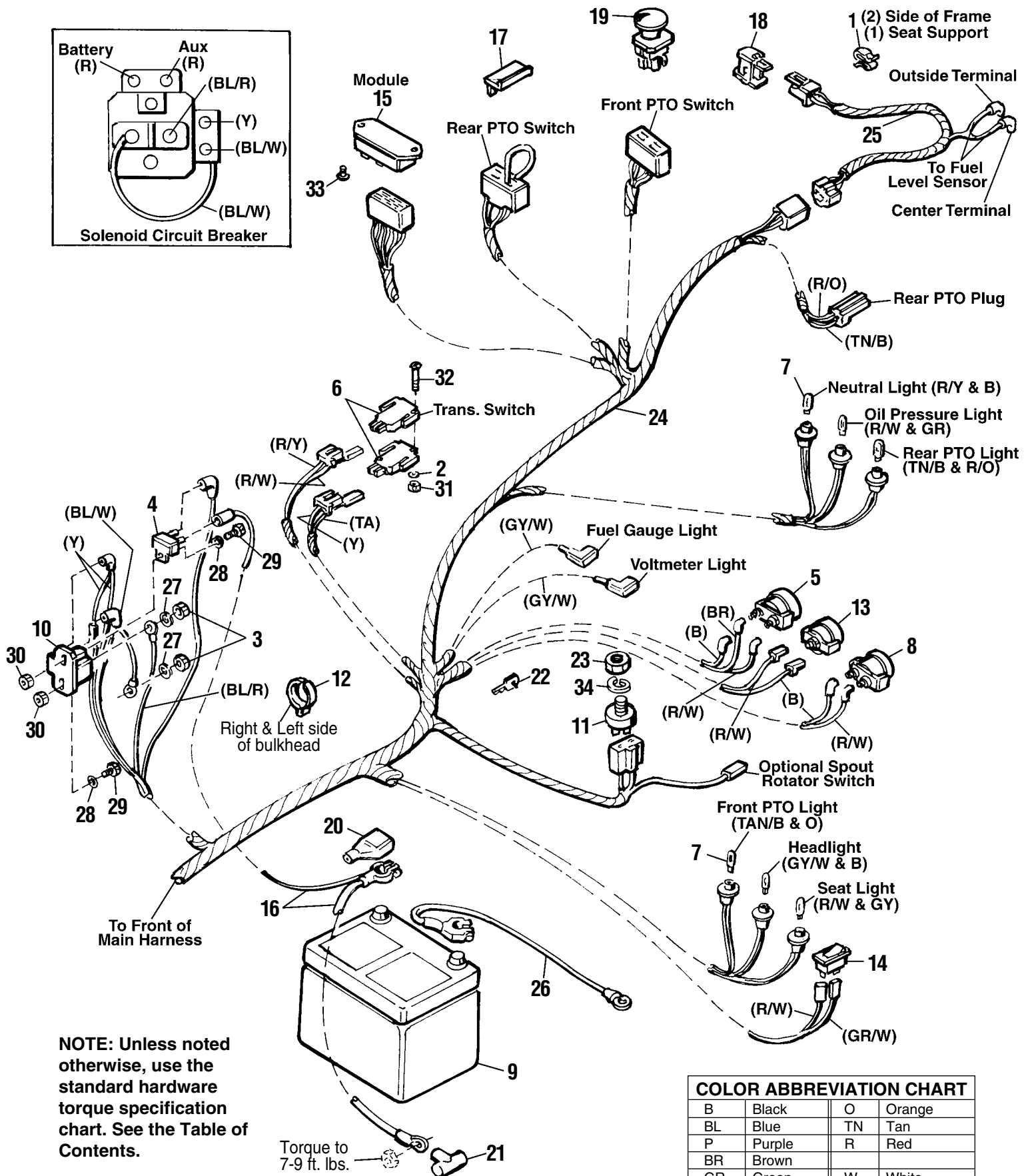
NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

COLOR ABBREVIATION CHART			
B	Black	O	Orange
BL	Blue	TN	Tan
P	Purple	R	Red
BR	Brown		
GR	Green	W	White
GY	Grey	Y	Yellow

Main Wiring Harness - 18 HP Models

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	122023	1	COVER, Terminal
2	172434	3	CLIP, Tinnerman
3	920426	2	WASHER, 5/16, Zinc Plated
4	920438	2	NUT, Hex, Jam, 5/16-24 Zinc Plated
5	1665235	1	CABLE (Battery to Solenoid)
6	1665237	1	WIRE, Solenoid to Circuit Breaker
7	1665238	1	BREAKER, Circuit
8	1668819	1	CABLE, Solenoid to Starter
9	1676123	2	SWITCH, Interlock (Under Dash) Shift Lever
10	1676130	5	LAMP, Indicator
11	1685289	1	BATTERY (400 AMP Cold Crank Rating)
12	1685290	1	SOLENOID (12 Volt DC)
13	1686637	1	IGNITION SWITCH KIT, (Incl. Ref. Nos. 22, 23 & 35)
14	1701347	2	CLIP
15	1701525	1	HOUR METER
16	1703799	1	TOGGLE SWITCH, Headlight
17	1703972	1	INTERLOCK MODULE
18	1709188	1	PLUG
19	1709359	1	SAFETY SWITCH (Seat), Operator Present
20	1713487	1	SWITCH ASSY., PTO
21	1713534	1	PROTECTOR, Battery (Red)
22	1714054	1	IGNITION KEY
23	1714055	1	NUT, Hex, Flange, 5/8
24	1714284	1	WIRING HARNESS (Main)
25	1714285	1	HARNESS, Rear
26	1714647	1	CABLE (Battery to Ground)
27	1916622	1	NUT, Hex, 1/4-20
28	1921319	2	WASHER, Plain, 1/4
29	1923341	2	CAPSCREW, Hex Hd., 1/4-20 x 3/4
30	1930641	2	NUT, Hex, Flange, Whizlock, 1/4-20
31	1930947	2	LOCKWASHER, #5
32	1931003	2	NUT, Hex, #5-40
33	1960014	2	SCREW, #5-24 x 1-1/2
34	1960369	2	SCREW, Hex, Washer Hd., Plastite, #8-16 x 1/2
35	1960547	1	WASHER, Internal Tooth, 5/8

Main Wiring Harness - 20 HP Models



COLOR ABBREVIATION CHART			
B	Black	O	Orange
BL	Blue	TN	Tan
P	Purple	R	Red
BR	Brown		
GR	Green	W	White
GY	Grey	Y	Yellow

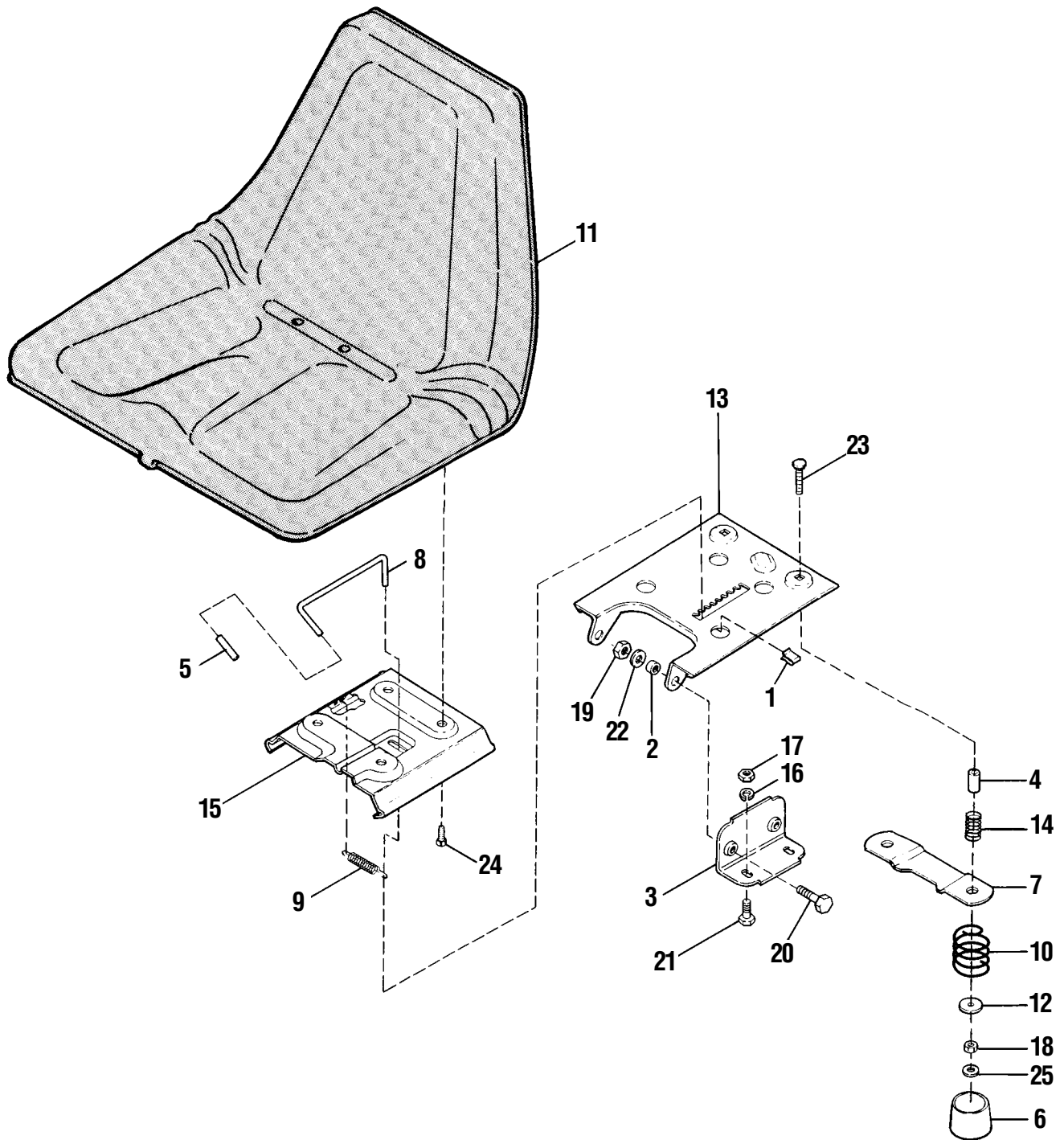
Mfg. Nos. 1692454, 1692456, 1692458, 1692460, 1692505, 1692507

Main Wiring Harness - 20 HP Models

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	172434	3	CLIP, Tinnerman
2	920426	2	WASHER, #5
3	920438	2	NUT, Hex, Jam, 5/16-24, Zinc Plated
4	1665238	1	BREAKER, Circuit
5	1674369*	1	GAUGE, Fuel (Incl. Qty. 1 of Ref. No. 7)
6	1676123	2	SWITCH, Interlock (Under Dash) Shift Lever
7	1676130	5	LAMP, Indicator
8	1676132*	1	VOLTMETER (Incl. Qty. 1 of Ref. No. 7)
9	1685289	1	BATTERY (400 AMP Cold Crank Rating)
10	1685290	1	SOLENOID (12 Volt DC)
11	1686637	1	IGNITION SWITCH KIT, (Incl. Ref. Nos. 22, 23 & 34)
12	1701347	2	CLIP
13	1701525	1	HOUR METER
14	1703799	1	TOGGLE SWITCH, Headlight
15	1703972	1	INTERLOCK MODULE
16	1708730	1	CABLE (Battery to Solenoid)
17	1709188	1	PLUG
18	1709359	1	SAFETY SWITCH (Seat), Operator Present
19	1713487	1	SWITCH ASSY., PTO
20	1713534	1	PROTECTOR, Battery (Red)
21	1713535	1	COVER, Terminal
22	1714054	1	IGNITION KEY
23	1714055	1	NUT, Hex, Flange, 5/8
24	1714284	1	WIRING HARNESS (Main)
25	1714285	1	HARNESS, Rear
26	1714647	1	CABLE (Battery to Ground)
27	1917356	2	LOCKWASHER, 5/16, Zinc Plated
28	1921319	2	WASHER, Plain, 1/4
29	1923341	2	CAPSCREW, Hex Hd., 1/4-20 x 3/4
30	1930641	2	NUT, Hex, Flange, Whizlock, 1/4-20
31	1931003	2	NUT, Hex, #5-40
32	1960014	2	SCREW, #5-24 x 1-1/2
33	1960369	2	SCREW, Hex, Washer Hd., Plastite, #8-16 x 1/2
34	1960547	1	WASHER, Internal Tooth, 5/8

*Not Shown

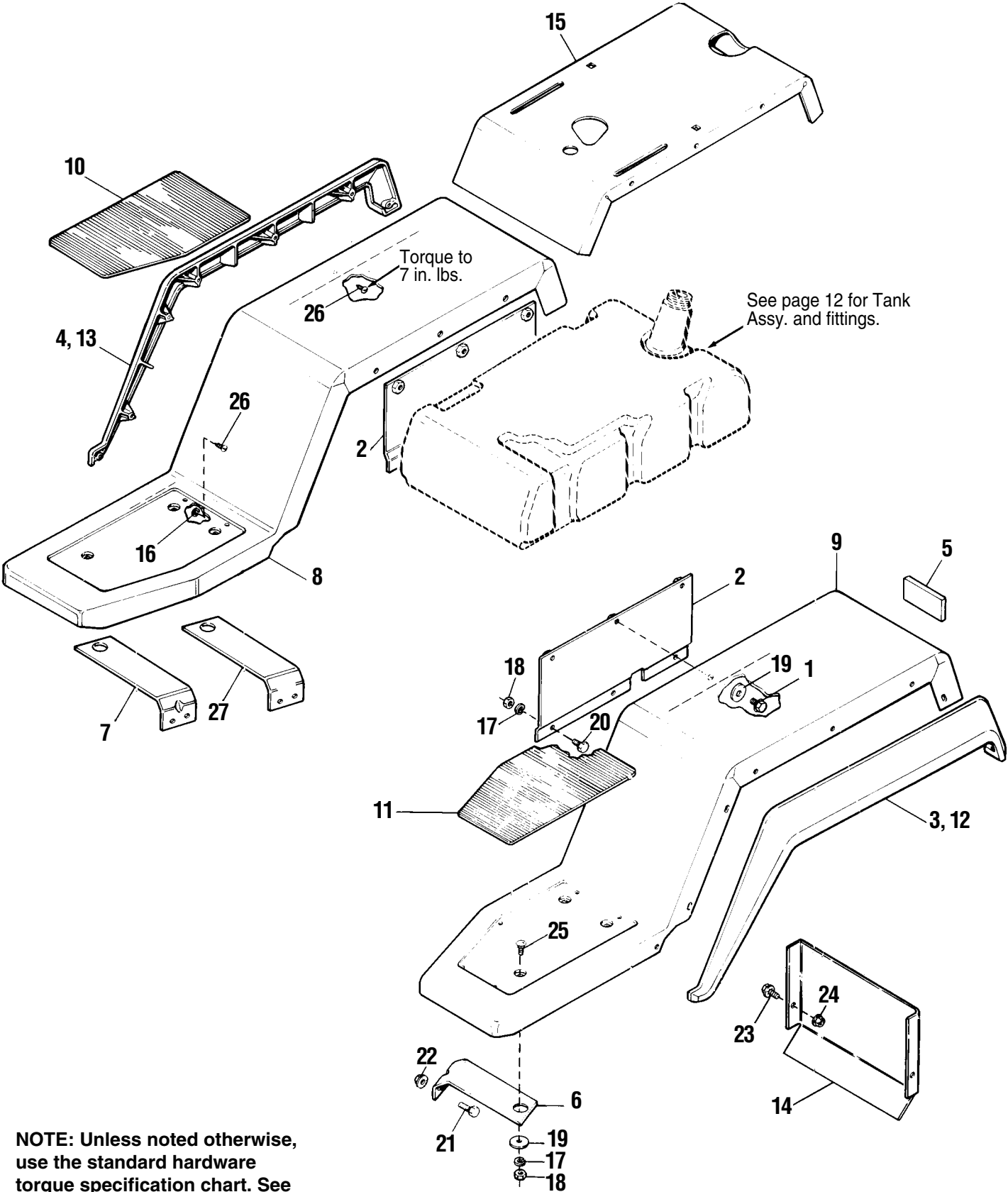
1707389	2	SOCKET (Used in Ref. Nos. 5 & 8)
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NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models**Seat**

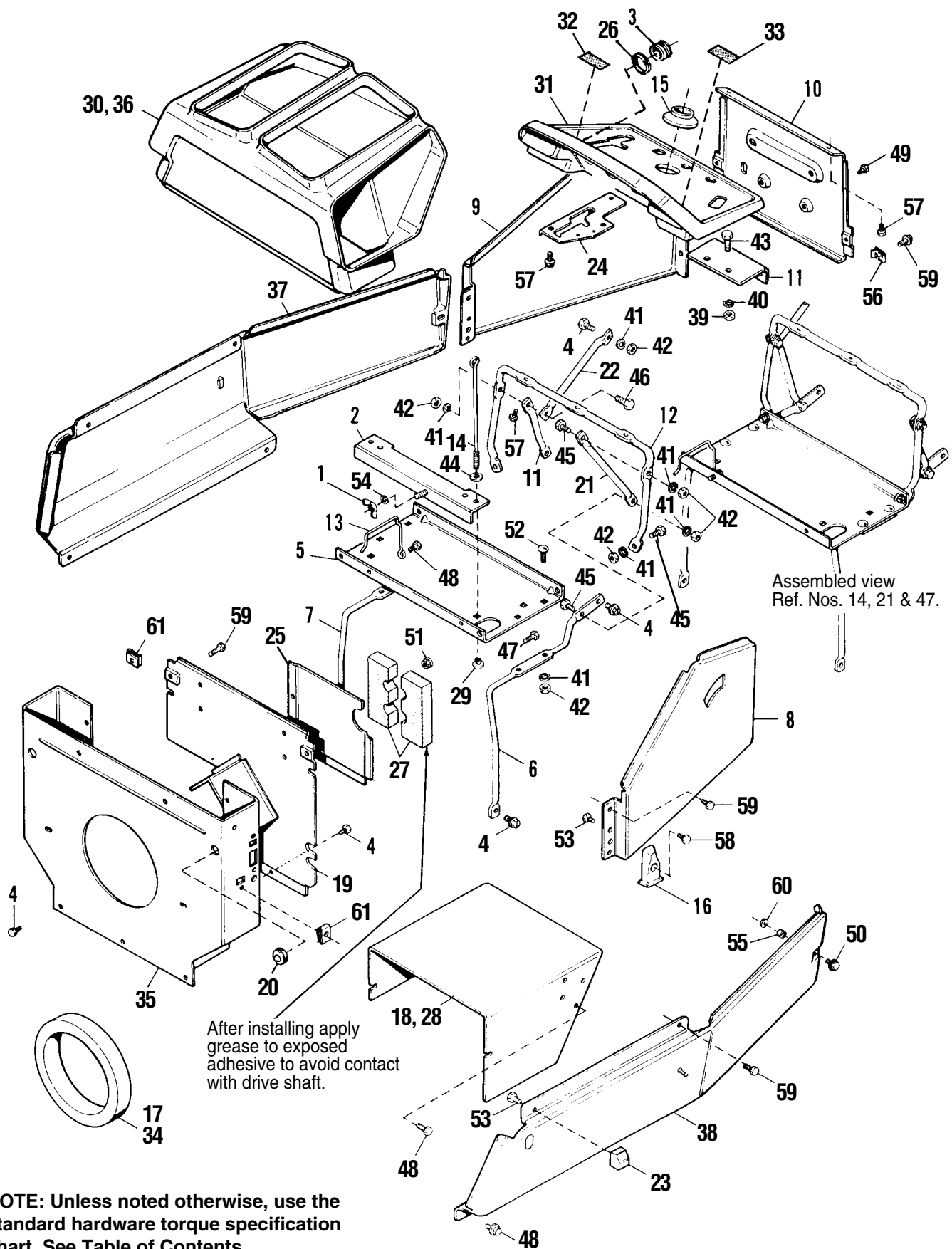
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	172434	1	CLIP, Speed
2	1663752	2	SPACER
3	1704285	2	BRACKET, Seat, Suspension
4	1704299	2	SPACER
5	1704723	1	HANDLE, Grip
6	1704724	2	COVER, Spring
7	1707101	1	PLATE, Switch
8	1707133	1	LEVER, Seat Release
9	1707137	1	SPRING
10	1708568	2	SPRING, Compression, Seat
11	1708630	1	SEAT
12	1709256	2	WASHER, Plain
13	1709307	1	SUPPORT, Seat, Pivot
14	1709308	2	SPRING, Compression
15	1714441	1	BRACKET, Seat Slide
16	1917356	4	LOCKWASHER, 5/16
17	1917372	4	NUT, Hex, Full, 5/16-18
18	1919438	2	NUT, Hex, Nylock, 5/16-18
19	1919439	2	NUT, Hex Hd., Nylock, 3/8-16
20	1920415	2	CAPSCREW, 3/8-16 x 1-1/4
21	1921332	4	CAPSCREW, Hex Hd., 5/16-18 x 3/4
22	1924940	2	WASHER, Plain 13/32
23	1931339	2	CARRIAGE BOLT, 5/16-18 x 2
24	1934665	4	BOLT, Hex, Whizlock, 5/16-18 x 5/8
25	1960201	2	WASHER, 1-1/32 x 1-7/8 x 1/16



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models**Fenders & Footrests**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1664847	6	SCREW, Taptite, 5/16-18 x 3/4
2	1675730	2	FENDER SUPPORT ASSY.
3	1675896	1	FENDER SKIRT, LH (except models with 24" tires)
4	1675897	1	FENDER SKIRT, RH (except models with 24" tires)
5	1676267	2	REFLECTOR, Rear
6	1676302	1	FOOTREST SUPPORT, Front, LH
7	1676303	1	FOOTREST SUPPORT, Front, RH
8	1676407	1	FENDER, RH
9	1676408	1	FENDER, LH.
10	1676424	1	PAD, Footrest, RH
11	1676425	1	PAD, Footrest, LH
12	1706267	1	FENDER SKIRT, LH (models with 24" tires)
13	1706268	1	FENDER SKIRT, RH (models with 24" tires)
14	1706269	1	COVER, Rear Frame
15	1708569	1	COVER, Fuel Tank
16	1916964	2	LOCKWASHER, 1/4
17	1917356	8	LOCKWASHER, 5/16 (Qty. 12 on 18 HP models)
18	1917372	8	NUT, 5/16-18 (Qty. 12 on 18 HP models)
19	1920283	6	WASHER, Flat, 11/32 x 1-1/2 x 7/64
20	1921332	6	CAPSCREW, Hex Hd., 5/16-18 x 3/4
21	1921966	4	CAPSCREW, Hex Hd., 3/8-16 x 7/8
22	1928352	4	LOCKNUT, Whiz, 3/8-16
23	1930591	2	SCREW, Flange, Whizlock, 5/16-18 x 1
24	1931277	2	NUT, Flange, Whizlock, 5/16-18
25	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4 (Qty. 6 on 18 HP models)
26	1960256	14	SCREW, Plastite, 1/4-10 x 5/8
27	1676304	2	FOOTREST SUPPORT, Rear (18 HP models)



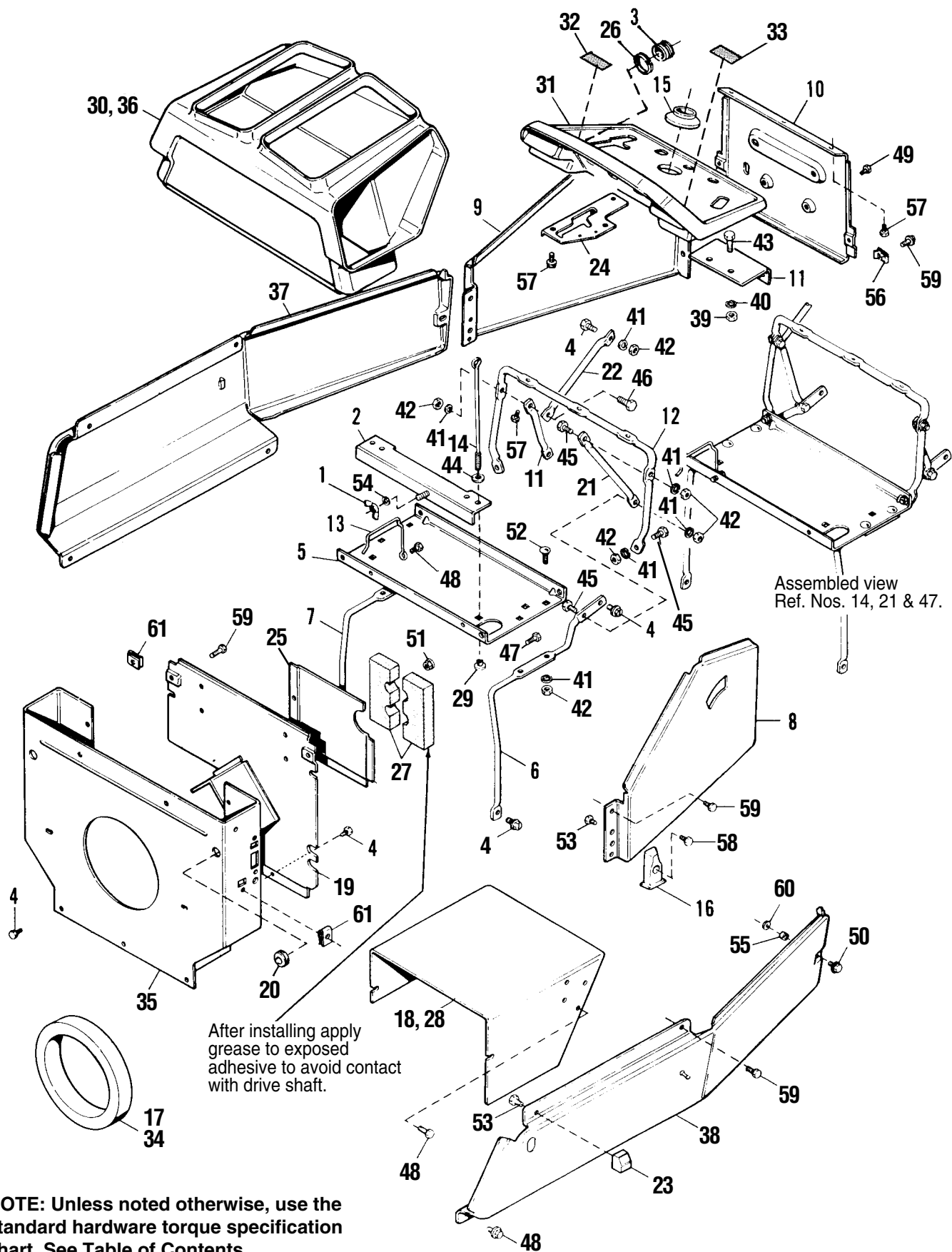
NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See Table of Contents.

All Models

Dash & Side Panels

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	960293	1	NUT, Wing, 1/4-20
2	1611762	1	HOLD DOWN, Battery
3	1657017	2	PLUG, Dash
4	1664847	8	SCREW, Hex, Taptite, 5/16-18 x 3/4
5	1675854	1	TRAY, Battery
6	1675855	1	SUPPORT, Battery Tray, LH
7	1675856	1	SUPPORT, Battery Tray, RH
8	1675862	1	DASH PANEL, Upper, LH
9	1675863	1	DASH PANEL, Upper, RH
10	1675868	1	PANEL, Rear Dash
11	1675869	1	BRACKET, Mounting, Dash Panel, Rear
12	1675871	1	SUPPORT, Dash Cap
13	1676333	2	GUIDE, Plenum
14	1676338	2	ROD, Battery Hold Down
15	1676418	1	BOOT, Steering Stem
16	1676525	2	GUIDE, Spacer, Hood
17	1676534	1	SEAL, Engine, Bulkhead (20 HP models)
18	1676635	1	COVER, Tunnel (18 HP models)
19	1676646	1	PANEL ASSY., Bulkhead
20	1676648	2	GROMMET, 1/2" I.D.
21	1676740	2	BRACE, Dash Cap Support, LH
22	1676865	1	BRACE, Dash Cap Support, RH
23	1677068	2	SPACER, Hood/Side Panel
24	1679708	1	PLATE, Speed Control Lever
25	1700754	1	PANEL, Clean Out
26	1701465	2	RING, Retaining
27	1701856	2	SEAL, Drive Shaft
28	1703904	1	COVER, Tunnel (20 HP models)
29	1704349	2	NUT, Plastic, 1/4-20
30	1708586	1	PLENUM, Air Induction (20 HP models)
31	1714035	1	CAP, Dash
32	1714158	1	DECAL, Indicator, Right
33	1714159	1	DECAL, Indicator, Left
34	1714642	1	SEAL, Engine, Bulkhead (18 HP models)
35	1714646	1	BULKHEAD
36	1714703	1	PLENUM, Air Induction (18 HP models)
37	1714704	1	LOWER PANEL ASSY., RH
38	1714705	1	LOWER PANEL ASSY., LH
39	1916950	2	NUT, Hex, 3/8-16
40	1916965	2	LOCKWASHER, 3/8

Ref. Nos. 41 - 61 are on the following page.

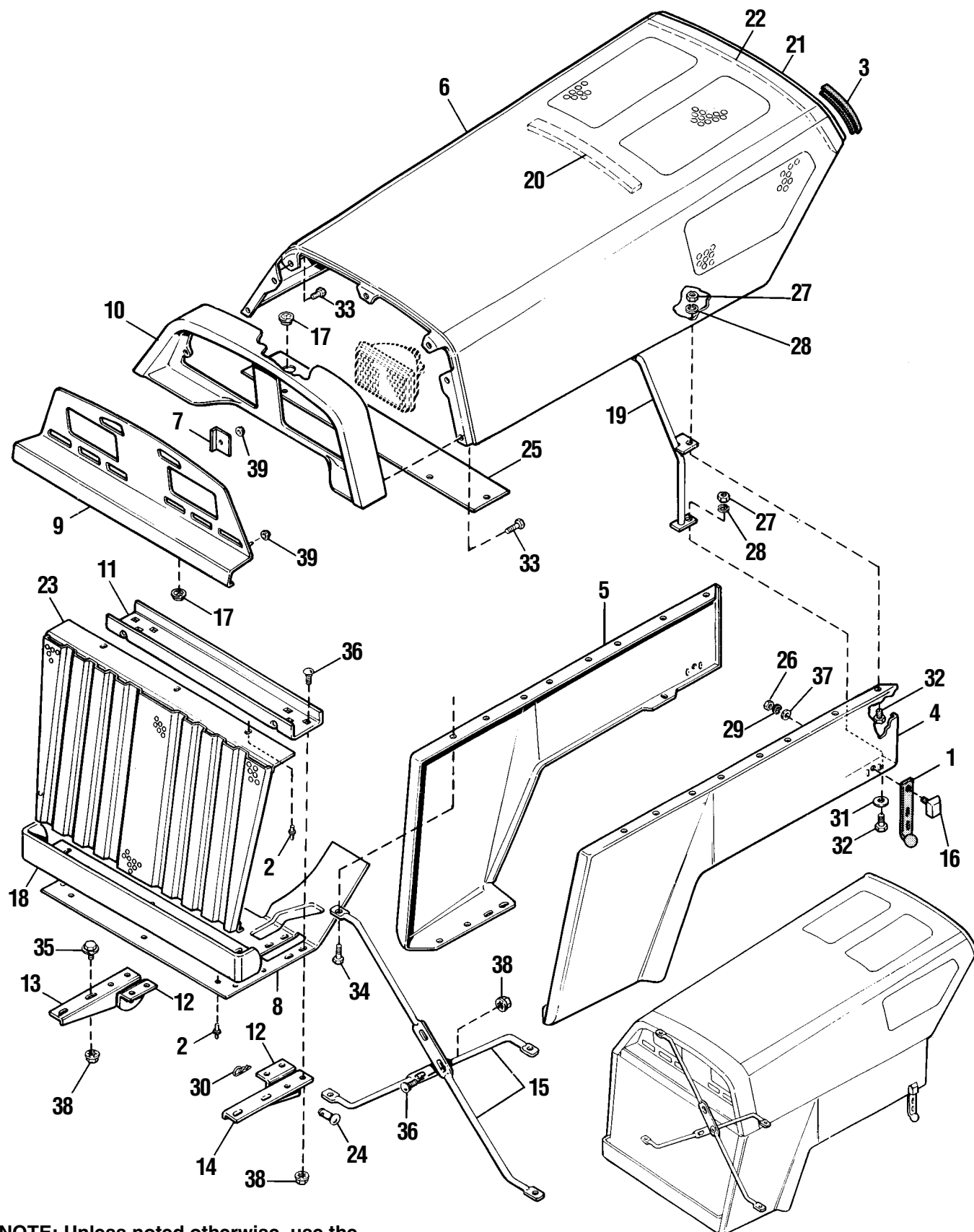


NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See Table of Contents.

All Models**Dash & Side Panels**

REF. NO.	PART NO.	QTY.	DESCRIPTION
41	1917356	11	LOCKWASHER, 5/16
42	1917372	11	NUT, Hex, 5/16-18
43	1921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
44	1921319	2	WASHER, Plain, 1/4 x 5/8 x 3/64
45	1921332	5	CAPSCREW, Hex Hd., 5/16-18 x 3/4
46	1921977	1	CAPSCREW, Hex, 5/16-18 x 1-1/4
47	1923341	2	CAPSCREW, Hex Hd., 1/4-20 x 3/4
48	1925003	2	SCREW, Hex, Taptite, 1/4-20 x 1/2
49	1927429	12	SCREW, Hex, Taptite, 1/4-20 x 5/8 (Qty. 11 on 20 HP)
50	1929783	2	SCREW, Hex, Taptite, 1/4-20 x 1
51	1930641	2	NUT, Hex, Flange, Whizlock, 1/4-20
52	1931334	5	CARRIAGE BOLT, 5/16-18 x 7/8
53	1960034	6	SCREW, Hex, Plastite, #10-14x 1/2
54	1960151	1	WASHER, 1/4
55	1960234	2	SPACER, Side Panel
56	1960239	2	SPEED NUT, "J" Type, 14A
57	1960256	8	SCREW, Hex, Plastite, 1/4-10 x 5/8
58	1960488	2	SCREW, Hex, Washer Hd., 1/4 x 1
59	1960498	9	SCREW, Hex, Type "AB", 1/4-14 x 5/8
60	1960518	2	PUSHNUT, 1/4
61	1960523	9	SPEED NUT, "U" Type, 14A

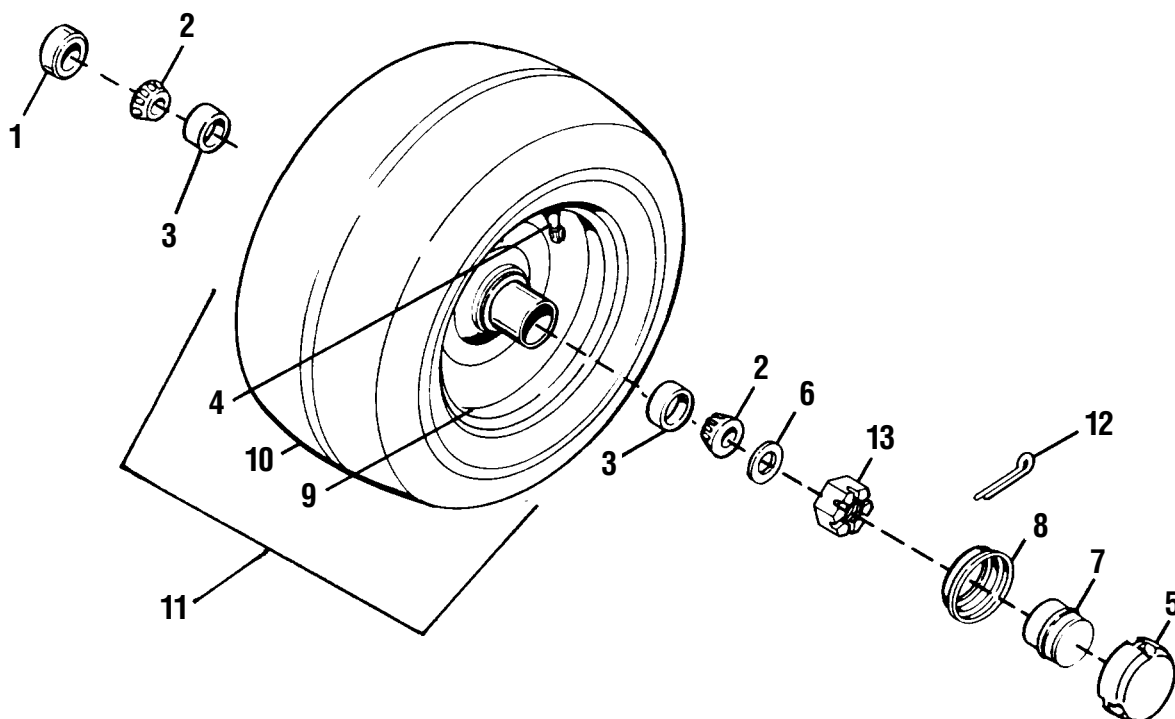
Ref. Nos. 1 - 40 are on the preceding page.



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

All Models**Hood & Grille**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	171600	2	STRAP, Hood
2	1675044	18	RIVET, Pop, 3/16
3	1675394	1	MOULDING, Hood
4	1675831	1	PANEL, Side, LH.
5	1675832	1	PANEL, Side, RH
6	1675878	1	HOOD ASSY.
7	1675932	4	CLIP, Headlamps, Mounting
8	1676234	1	SHIELD, Heat
9	1676263	2	HEADLAMP INSERT ASSY.
10	1676286	1	FRAME, Headlamps
11	1676638	1	SUPPORT, Stop, Hood
12	1676639	2	HINGE, Hood, Inner
13	1676653	1	HINGE, Hood, Outer, RH
14	1676654	1	HINGE, Hood, Outer, LH
15	1676957	2	BRACE, Hood, Front
16	1677672	2	COVER ASSY., Hood Strap
17	1677756	2	BUSHING, Universal
18	1678528	1	BUMPER ASSY.
19	1678599	1	SUPPORT ROD ASSY., Hood
20	1678625	1	SEAL, Hood Support
21	1678638	1	DECAL, Hood, Rear
22	1679660	1	SEAL, Hood, Rear
23	1701272	1	SCREEN ASSY., Grille
24	1708298	2	PIN, Lock (Clevis)
25	1708727	1	SHIELD, Muffler
26	1916621	2	NUT, Hex, #10-24
27	1916622	4	NUT, Hex, 1/4-20
28	1916964	4	LOCKWASHER, 1/4
29	1917365	2	LOCKWASHER, #10
30	1918196	2	PIN, Quick, 3/32 x 1-7/8
31	1921319	4	WASHER, Plain, 1/4 x 5/8 x 3/64
32	1921958	4	CAPSCREW, Hex Hd., 1/4-20 x 1/2
33	1925003	7	SCREW, Hex, Taptite, 1/4-20 x 1/2
34	1930561	2	SCREW, Hex, Thd. Form, #14-3/4
35	1930594	4	SCREW, Hex, Flange, Whizlock, 1/4-20 x 3/4
36	1931317	9	CARRIAGE BOLT, 1/4-20 x 3/4
37	1960096	2	WASHER, 13/64 I.D. x 3/4
38	1960294	13	NUT, Hex, Flange Whizlock, 1/4-20
39	1960517	8	PAL NUT, Hex, Lock, #10-24



NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart. See the Table
of Contents.

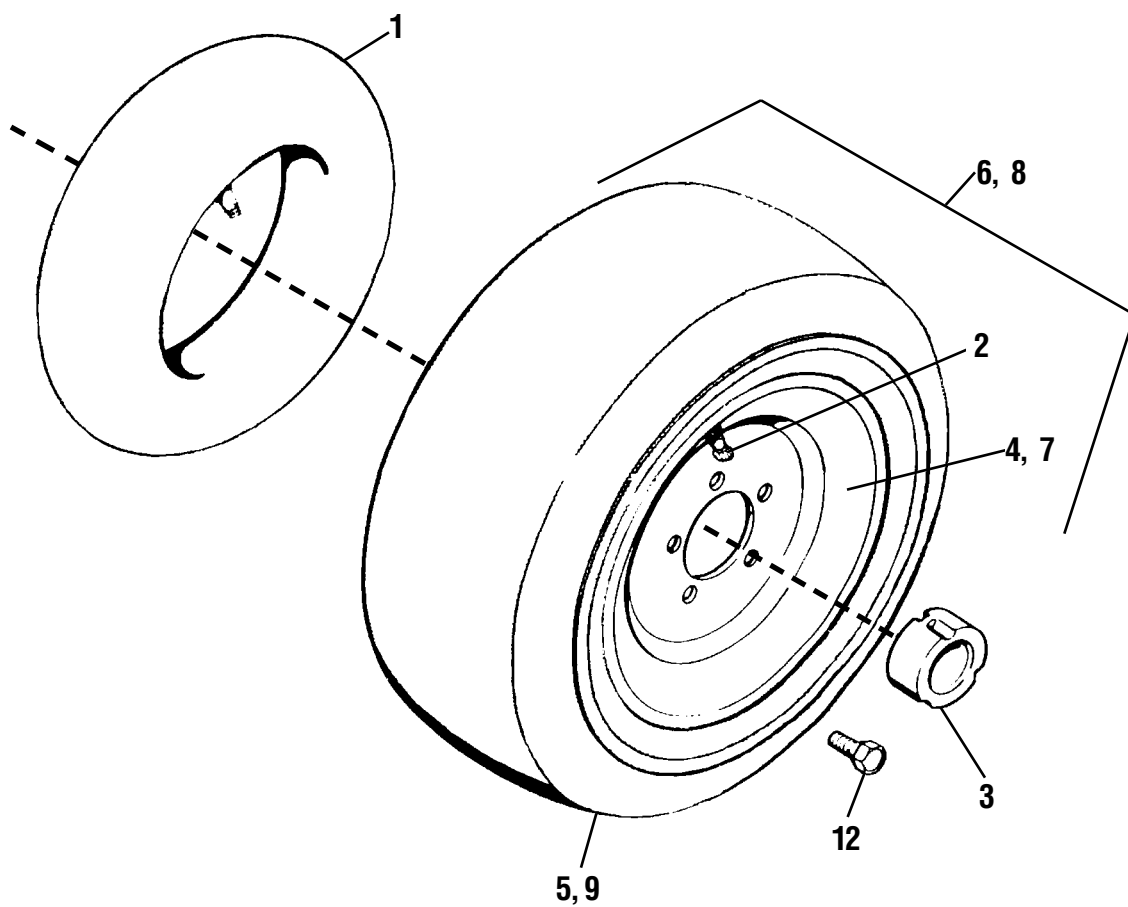
All Models

Front Wheels & Tires

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	168108	2	SEAL, Oil
2	170835	4	BEARING, Cone
3	170836	4	BEARING, Cup, Wheels
4	172353	2	VALVE STEM & CAP
5	177724	2	HUBCAP
6	1663189	2	WASHER
7	1676519	2	CAP, Hub, Cover
8	1704699	2	RETAINER, Hub Cap
9	1709961	2	FRONT WHEEL ASSY., Metallic Gray, 16 x 7.50-8 (Incl. Qty. 2, Ref. No. 3)
10	1713528	2	TIRE, Multi-Trac, 16 x 7.50-8 (Dico)
	1714339	2	TIRE, Turf Trak, 16 x 7-50-8 (Dico)
11	1714337*	2	FRONT WHEEL & TIRE ASSY., Metallic Gray, 16 x 7.50-8 (Equipped with Turf Trak tire)
	1713527*	2	FRONT WHEEL & TIRE ASSY., Metallic Gray, 16 x 7.50-8 (Equipped with Multi-Trac tire)
12	1923500	2	PIN, Cotter, 1/8 x 1 3/4
13	1960387	2	NUT, Hex, Slotted Hd., 3/4-16

*** Incl. Ref. Nos. 4, 9 & 10.**

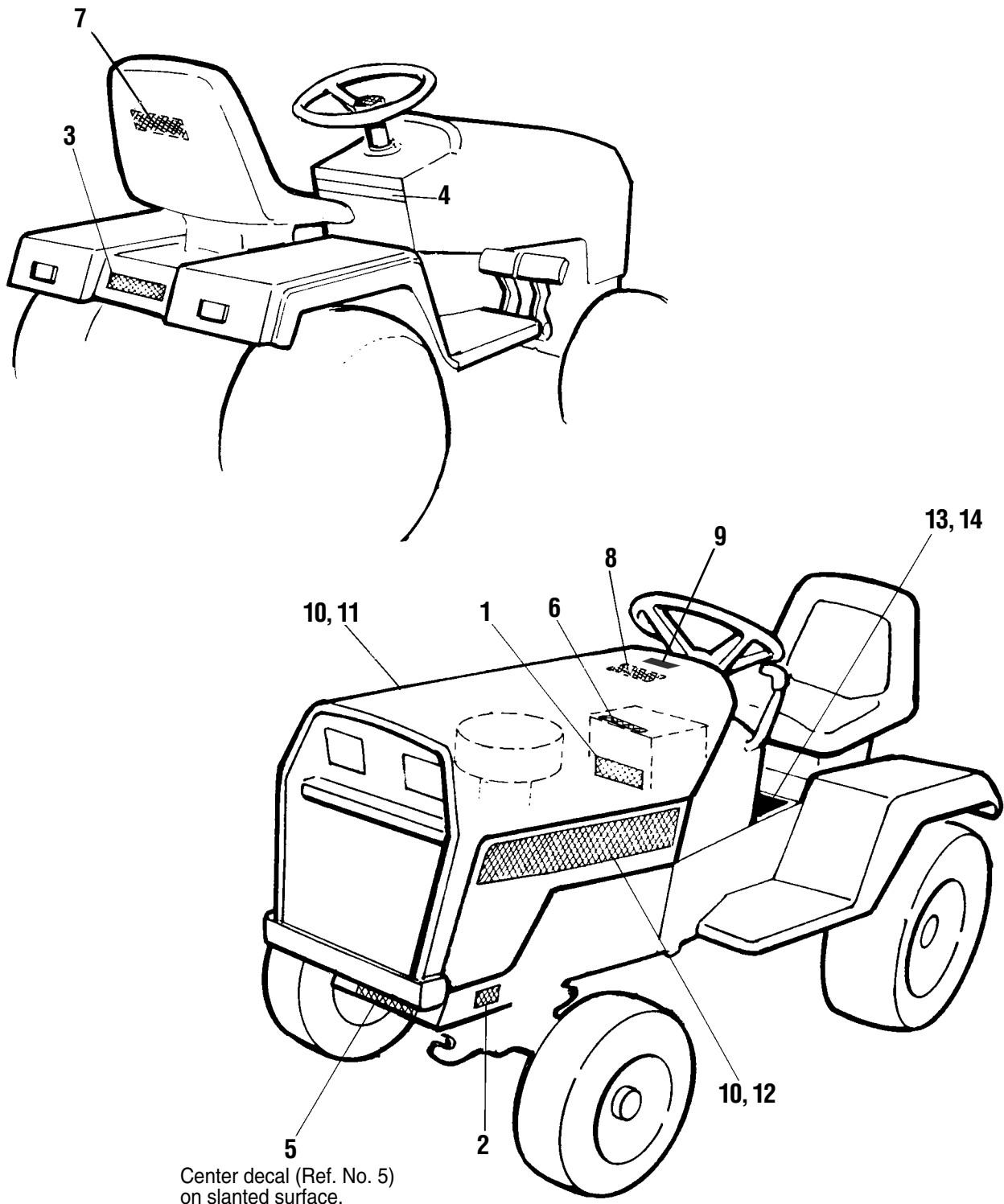
NOTE: Tire tube for service is available under part no. 164247.



NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart. See the Table
of Contents.

All Models**Rear Wheels & Tires**

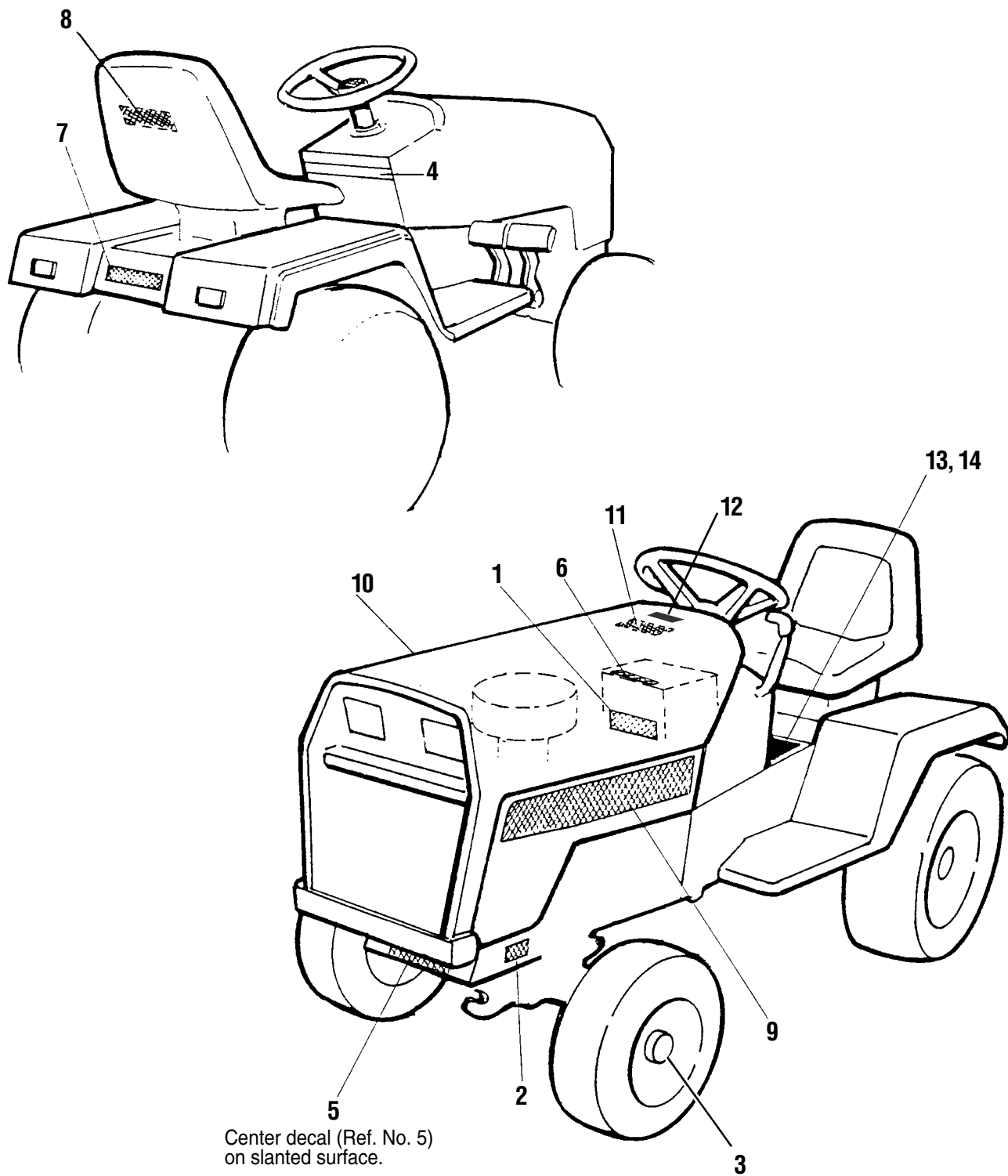
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	157638	2	TUBE, 23"
2	172353	2	VALVE STEM & CAP
3	1676519	2	CAP, Hub
4	1709966	2	REAR WHEEL, 24", Metallic Gray
5	1709969	2	TIRE, Turf, 23 x 10.5-12 (Dico)
6	1709970	2	REAR WHEEL & TIRE ASSY., Metallic Gray, 23 x 10.5-12 (Incl. Ref. Nos. 1, 2, 5 & 7)
7	1709971	2	REAR WHEEL, 23", Metallic Gray
8	1714338	2	REAR WHEEL & TIRE ASSY., Metallic Gray, 24 x 13.00-12 (Incl. Ref. Nos. 2, 4 & 9)
9	1714340	2	TIRE, Turf, 24 x 13.00-12, Tubeless (Dico)
10	8261100	10	BOLT, Hub



NOTE: Unless noted otherwise,
use the standard hardware
torque specification chart. See
the Table of Contents.

Decals - Simplicity

REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	DECAL, Battery (Not Serviced)
2		1	I.D. Plate (Not Serviced)
3	1668202	1	DECAL, Rear Logo, Simplicity
4	1678576	1	DECAL, Panel, Rear Dash (Choke, Ignition, etc.)
5	1679117	1	DECAL, Warning, Front PTO Shield
6	1679675	1	DECAL, Warning (Disconnect Elect. Ground, etc.)
7	1708927	1	DECAL, USA Logo
8	1709061	1	DECAL, Touch-up Paint
9	1709697	1	DECAL, Belts/Blade Replacement
10	1713978	2	DECAL, Hood, Model Number (18 HP models)
	1713982	2	DECAL, Hood, Model Number (20 HP models)
11	1713983	1	DECAL, Hood, Simplicity, RH
12	1713984	1	DECAL, Hood, Simplicity, LH
13	1714160	1	DECAL, Tunnel Cover (20 HP models)
14	1714633	1	DECAL, Tunnel Cover (18 HP models)

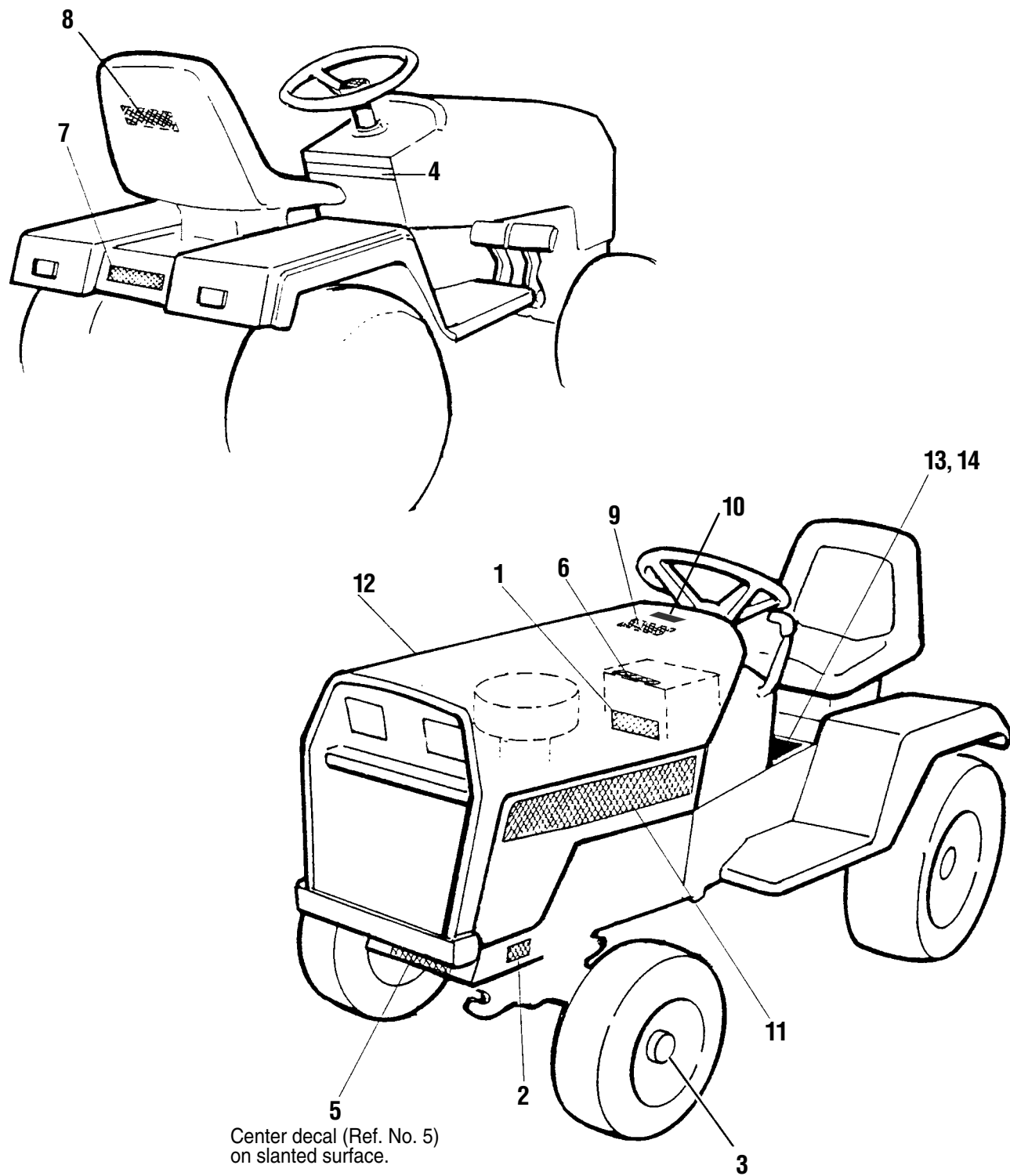


NOTE: Unless noted otherwise,
use the standard hardware
torque specification chart. See
the Table of Contents.

Mfg. Nos. 1692458, 1692460, 1692523

Decals - AGCO Allis

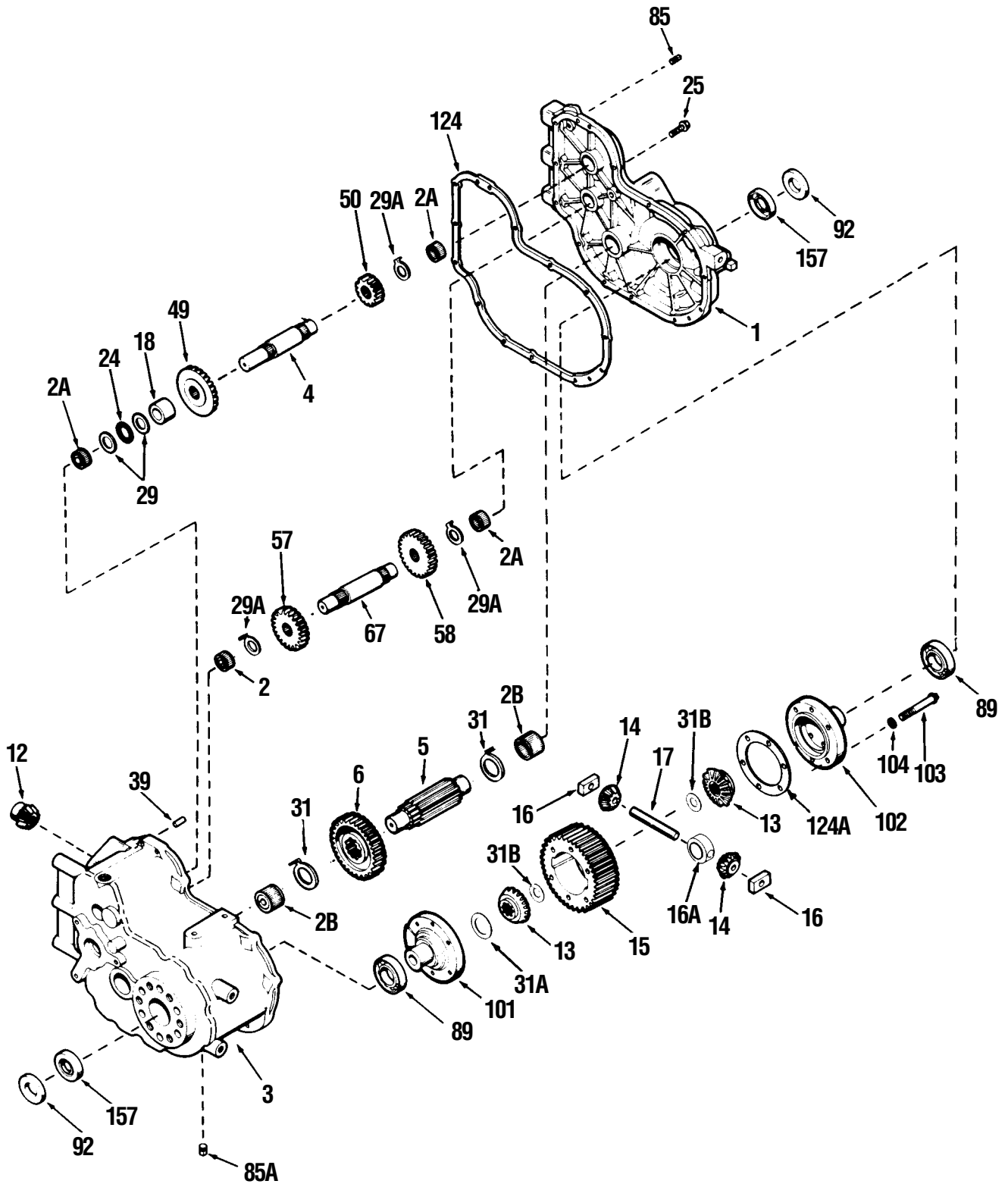
REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	DECAL, Battery (Not Serviced)
2		1	I.D. Plate (Not Serviced)
3	1677396	4	DECAL, Hub Cap
4	1678576	1	DECAL, Panel, Rear Dash (Choke, Ignition, etc.)
5	1679117	1	DECAL, Warning, Front PTO Shield
6	1679675	1	DECAL, Warning (Disconnect Elect. Ground, etc.)
7	1708926	1	DECAL, Rear Logo, AGCO Allis
8	1708927	1	DECAL, USA Logo
9	1708790	1	DECAL, Hood, LH
10	1708791	1	DECAL, Hood, RH
11	1709061	1	DECAL, Touch-up Paint
12	1709697	1	DECAL, Belts/Blade Replacement
13	1714160	1	DECAL, Tunnel Cover (20 HP models)
14	1714633	1	DECAL, Tunnel Cover (18 HP models)



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

Decals - Massey Ferguson

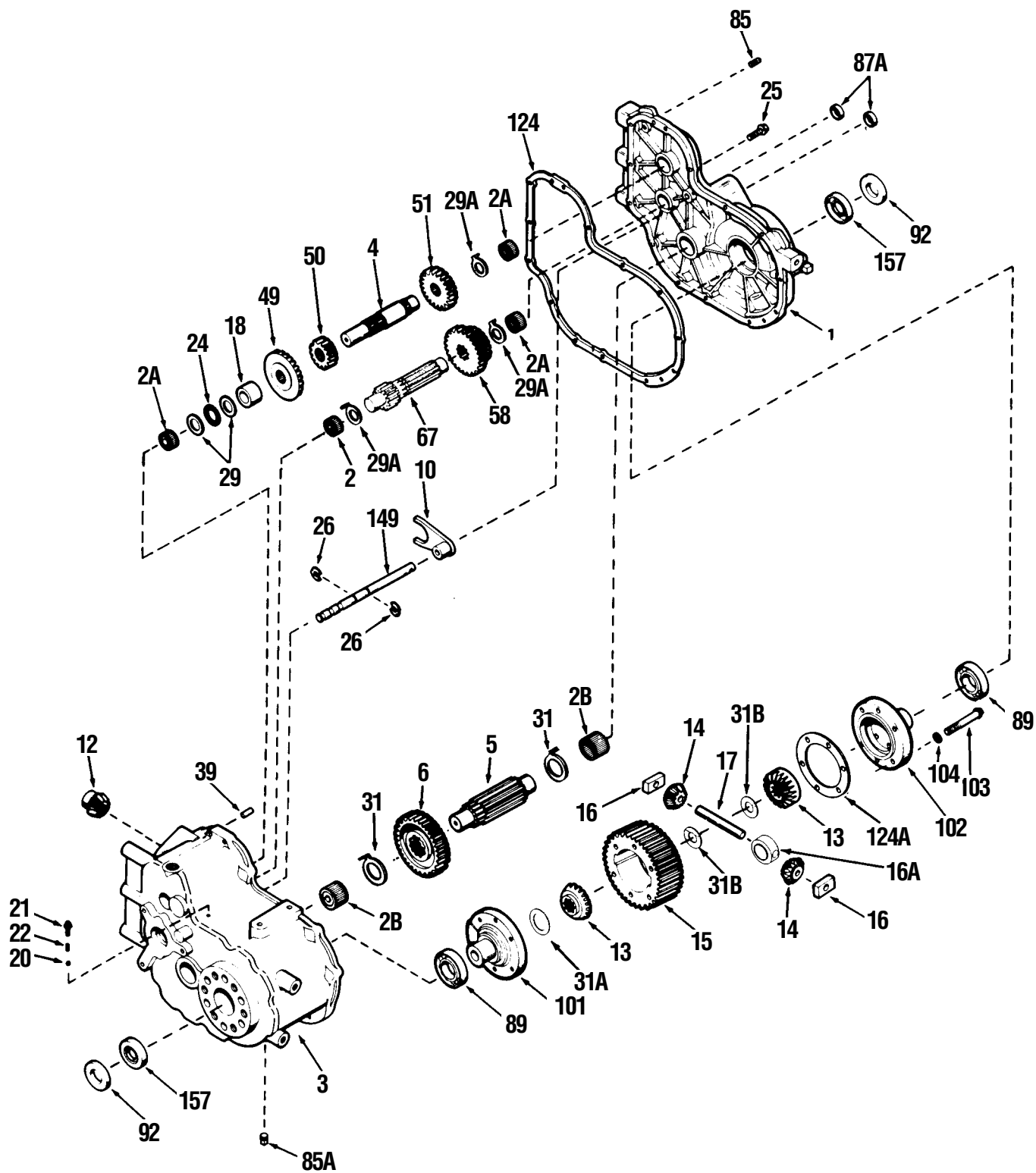
REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	DECAL, Battery (Not Serviced)
2		1	I.D. Plate (Not Serviced)
3	1677396	4	DECAL, Hub Cap
4	1678576	1	DECAL, Panel, Rear Dash (Choke, Ignition, etc.)
5	1679117	1	DECAL, Warning, Front PTO Shield
6	1679675	1	DECAL, Warning (Disconnect Elect. Ground, etc.)
7	1714363	1	DECAL, Rear Logo, Massey Ferguson
8	1708927	1	DECAL, USA Logo
9	1709061	1	DECAL, Touch-up Paint
10	1709697	1	DECAL, Belts/Blade Replacement
11	1714380	1	DECAL, Hood, LH (20 HP models)
	1714453	1	DECAL, Hood, LH (18 HP models)
12	1714381	1	DECAL, Hood, RH (20 HP models)
	1714454	1	DECAL, Hood, RH (18 HP models)
13	1714160	1	DECAL, Tunnel Cover (20 HP models)
14	1714633	1	DECAL, Tunnel Cover (18 HP models)



Service Parts - Peerless Transaxle Model 2600-0019

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	772087A	1	TRANSAXLE COVER (Incl. 2A & 2B)
2	780126	1	NEEDLE BEARING
2A	780100	3	NEEDLE BEARING
2B	780099	2	NEEDLE BEARING
3	770073A	1	TRANSAXLE CASE (Incl. 2, 2A & 2B)
4	776213	1	COUNTERSHAFT
5	776120A	1	OUTPUT PINION
6	778103	1	OUTPUT GEAR (33 teeth)
12	778155	1	BEVEL PINION
13	778158	2	BEVEL GEAR (16 teeth)
14	778157	2	BEVEL PINION (10 teeth)
15	778156	1	RING GEAR
16	786098	2	DRIVE BLOCK
16A	786168	1	SPACER BLOCK
17	786096	1	DRIVE PIN
18	786094	1	SPACER
24	780012	1	THRUST BEARING
25	792067	13	SCREW, 5/16-18 x 1
29	780045	2	WASHER
29A	780157	3	WASHER
31	780156	2	WASHER
31A	780130	2	WASHER
31B	792158	2	BELLEVILLE WASHER
39	786026	2	DOWEL PIN
49	778087	1	BEVEL GEAR (30 teeth)
50	778088	1	SPUR GEAR (16 teeth)
57	778102	1	SPUR GEAR (17 teeth)
58	778160	1	SPUR GEAR (27 teeth)
67	776214	1	BRAKE SHAFT
85	792039	2	PLUG, 1/8 - 27
85A	792019	1	MAGNETIC DRAIN PLUG, 3/8-18
89	780125	2	BALL BEARING
92	786097	2	SPACER
101	774486A	1	DIFFERENTIAL CARRIER (Incl. 31A)
102	774490A	1	DIFFERENTIAL CARRIER (Incl. 31A)
103	792101	6	SCREW, 3/8-16 x 2-3/4"
104	792011	6	LOCKWASHER, 3/8"
124	788058B	1	GASKET
124A	780190	1	SHIM
157	788049	2	OIL SEAL, 1-1/8"

Note: See an authorized Tecumseh distributor for parts and service. Peerless parts are not available through Simplicity.

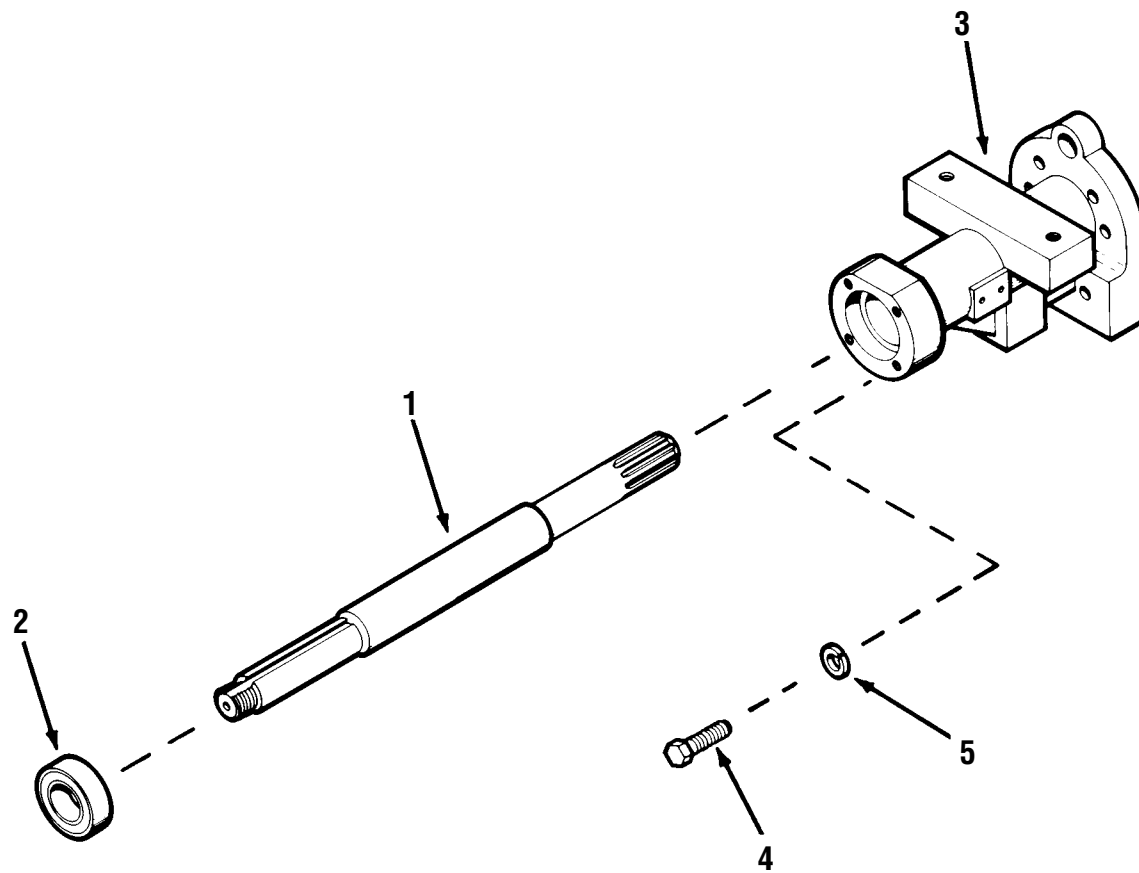


Mfg. Nos. 1692454, 1692456, 1692458, 1692460, 1692505, 1692507

Service Parts - Peerless Transaxle Model 2600-020

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	772104	1	TRANSAXLE COVER (Incl. 2A & 2B)
2	780126	1	NEEDLE BEARING
2A	780100	3	NEEDLE BEARING
2B	780099	2	NEEDLE BEARING
3	770073A	1	TRANSAXLE CASE (Incl. 2, 2A & 2B)
4	776209A	1	COUNTERSHAFT
5	776120A	1	OUTPUT PINION
6	778098	1	OUTPUT GEAR (37 teeth)
10	784195	1	SHIFT FORK
12	778155	1	BEVEL PINION
13	778158	2	BEVEL GEAR (16 teeth)
14	778157	2	BEVEL PINION (10 teeth)
15	778156	1	RING GEAR
16	786098	2	DRIVE BLOCK
16A	786168	1	SPACER BLOCK
17	786096	1	DRIVE PIN
18	786094	1	SPACER
20	792004	1	BALL, 3/16" dia.
21	792100	1	SCREW, 1/4-20 x 5/8
22	792003	1	DETENT SPRING
24	780012	1	THRUST BEARING
25	792067	13	SCREW, 5/16-18 x 1"
26	792064	2	RETAINING RING
29	780045	2	WASHER
29A	780157	3	WASHER
31	780156	2	WASHER
31A	780130	2	WASHER
31B	792158	2	BELLEVILLE WASHER
39	786026	2	DOWEL PIN
49	778087	1	BEVEL GEAR (30 teeth)
50	778088	1	SPUR GEAR (16 teeth)
51	778099	1	SPUR GEAR (20 teeth)
58	778100	1	SHIFTER GEAR (23 & 27 teeth)
67	776212	1	SHIFTER SHAFT
85	792039	2	PLUG, 1/8-27
85A	792019	1	MAGNETIC DRAIN PLUG, 3/8-18
87A	788034	2	OIL SEAL, 1/2"
89	780125	2	BALL BEARING
92	786097	2	SPACER
101	774486A	1	DIFFERENTIAL CARRIER (Incl. 31A)
102	774490A	1	DIFFERENTIAL CARRIER (Incl. 31A)
103	792101	6	SCREW, 3/8-16 x 2-3/4"
104	792011	6	LOCKWASHER, 3/8"
124	788058B	1	GASKET
124A	780190	1	SHIM
149	784326A	1	SHIFT ROD (High-Low)
157	788049	2	OIL SEAL 1-1/8"

Note: See an authorized Tecumseh distributor for parts and service. Peerless parts are not available through Simplicity.



All Models

Service Parts - Peerless Axle Housing Model 2650-007

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	774956	1	AXLE, 16-5/16" long
2	780127	1	BALL BEARING
3	782064	1	AXLE HOUSING
4	792087	1	SCREW, 3/8-16 x 3/4"
5	792103	1	FLAT WASHER, 3/8"

Note: See an authorized Tecumseh distributor for parts and service. Peerless parts are not available through Simplicity.

**TORQUE SPECIFICATIONS FOR
STANDARD MACHINE HARDWARE
(Tolerance $\pm 20\%$)**

SIZE	SAE GRADE #2 		SAE GRADE #5 		SAE GRADE #8 	
	<u>in/lbs</u> ft/lbs	Nm.	<u>in/lbs</u> ft/lbs	Nm.	<u>in/lbs</u> ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	<u>49</u>	5.5	<u>68</u>	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	<u>76</u>	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
 - a. for prevailing torque locknuts - use 65% of grade 5 torques.
 - b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

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